



TV
2017

VESTEL

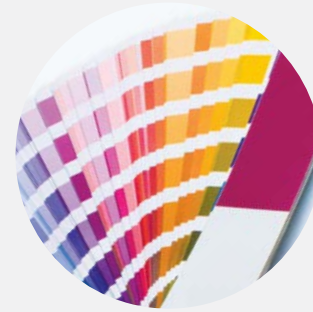




Company Profile
02-03



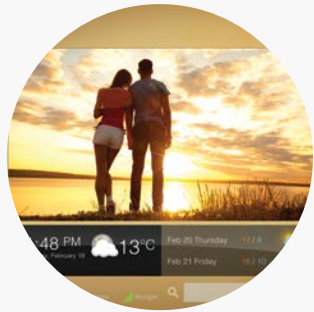
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Company Profile

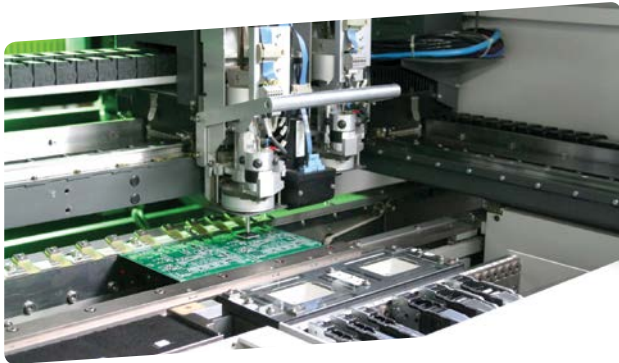
Vestel City, which comprises nine plants located in Manisa, is amongst the biggest industrial complexes of the world.

As one of the leading enterprises in Turkey, Vestel is a major player in consumer electronics, mobile technologies, household appliances, professional displays and LED lighting with renowned products, including television sets, educational, hospitality and digital signage solutions, digital set-top boxes, tablet PCs, smart phones, refrigerators, washing machines, cooking appliances, dishwashers, air conditioners, and water heaters

Leading the European market in digital products, Vestel has established agreements with the major digital television operators in Europe for the production of digital television and set-top boxes.

Total productive maintenance and the six sigma approach implemented throughout the manufacturing process improve efficiency and productivity in all areas, making Vestel a world-class manufacturer.





With an annual manufacturing capacity of 18 million television sets, Vestel controls 20 percent of the European market for flat panel televisions.

In 2013, the company started built-in module system production based on assembling TVs on a glass cell, and installed robotic lines for the automation of the LED TV assembly. The complete system, named as cell-in tv-out, helps the company to increase efficiency and product quality by all means.

By investing more than 50 million US dollars in LCD panel production over the last few years, Vestel is proud to be the first company in Europe to realise bonding, backlight and module assembly.

Keeping up with the fast developing mobile technologies and interactivity of different devices, Vestel launched tablet PCs, smart phones and developed the Smart Center technology allowing interaction of Vestel Smart TVs with mobile devices.

R&D facilities located in Manisa, Istanbul, the UK, and China

employ the highest caliber engineers to develop hardware and software solutions that provide clients with world-class quality products.

The total R&D investment in 2014 exceeded 90 million US dollars.

Vestel has proven its success in product design by receiving the most prestigious design awards every year from well-known industrial design organisations for a variety of products

Vestel Trade, the company responsible for the marketing and sales of Vestel products overseas, exports 73% percent of its production under leading Japanese and European brands to 152 countries.

Achieving export sales of 8.3 million units of electronics and 4.8 million units of household appliances, the company is proud to account for 91 percent of the television and 28 percent of the white goods exports in Turkey.

 Global Operations



Manufacturing & Assembly Plants

LED TV, HD, IP/OTT, PVR Set-top Boxes – Manisa, Turkey

Professional Displays, Tablet PC, Smart Phone, LED lighting – Manisa Turkey

Refrigerator, Washing Machine, Dishwasher, Cooking Appliances, Air Conditioner, Water Heater Manisa, Turkey

Marketing & Sales Companies

Vestel Trade, Turkey

Vestel France, France

Vestel Germany, Germany

Vestel UK, The UK

Vestel Iberia, Spain

Gruppo Industriale Vestit, Italy

Vestel Benelux, The Netherlands

Vestel CIS Ltd, Russia

Vestel Electronica, Romania

Vestel Scandinavia, Finland

Vestfrost Household, Denmark

Vestel Central Asia, Kazakhstan

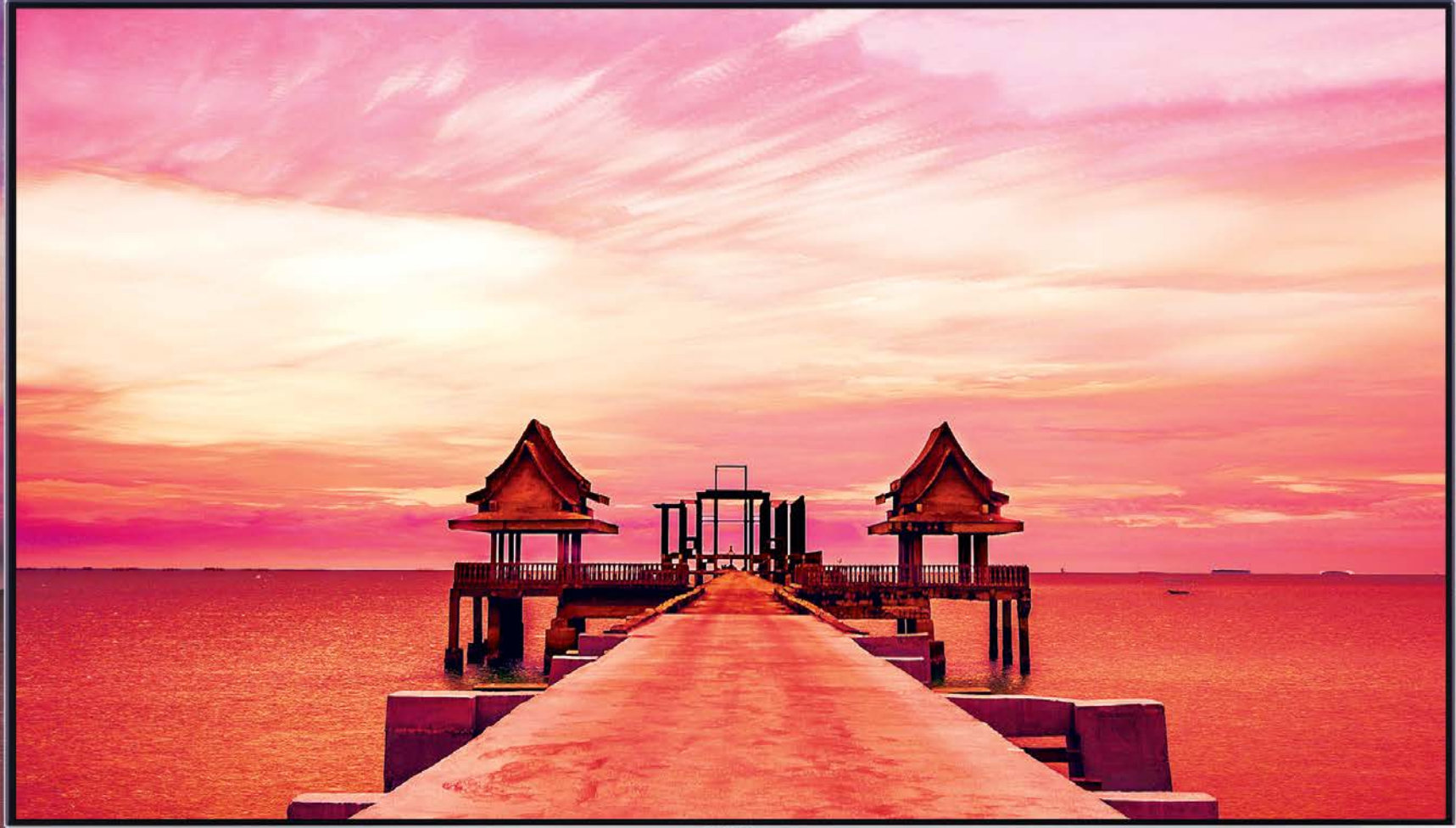
R&D Centers

Manisa, Turkey

Istanbul, Turkey

Bristol, UK

Shanghai, China



VESTEL



Design & Technology

Modern TV design is changing day by day with the improvements in technology. It is also subject to change in Vestel as a leading technology investor and design manufacturer. Nowadays, TVs become less visible, ultra-thin elegant designs are more integrated onto the surrounding surfaces like walls, doorways,

anywhere. These designs come with extraordinary technology of high quality resolution in well-sized TVs. The design of TVs will go beyond the standards with simple beautiful cabinet and shelving, we will see the space softened by few accessories around its astonishing pictures.



XX415

Amazing viewing experience will arise with stunning pictures and extremely powerful sound provided by Vestel Ultra Slim LED TV. It offers lively sounds and improved picture quality relying on more powerful processor and elegant design to meet your lifelike experience expectations from a TV. Superb finishing framed bezel flat screen will create great atmosphere with its environment and pull you right into the scene by smooth moving pictures. Its outstanding nature offers you a perfect sense of image depth by improved technological developments. This way, you will experience more realistic pictures as never before.



ELEGANT ULTRA SLIM DESIGN

Thinner design of every part of TV is the exact reflector of courtesy. Such as various narrow bezel design applications, more and more slim back depths of TVs allow users to place TVs with larger widths and heights in narrower places at home. Moreover, ultra slim design would perfectly fit to your fashionable room designs and appeals to your personal delights.



THIN FRAME DESIGN

Applying latest design techniques and production technology; ultra, super and very narrow bezel TV models provide you virtually edgeless pictures on a wider screen by offering more horizontal and vertical display area. Moreover, narrow bezel designs are the actual representatives of courtesy and add value to the design of your home environment that reflects your personal style. Elegant aspect of the concept provides you an amazing scene to enjoy beyond boundaries.



BMS Technology and LED Designs

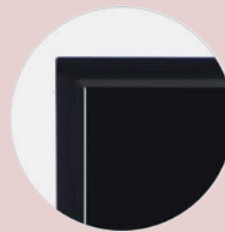
Vestel uses own in-house design process in order to build huge amount of various TV models in different sizes and cosmetics. This system is BMS (Built-in Module System) technology that allows supply of the cell only and rest of the materials including light filters, light-guide plates and backlight systems are separately built by Vestel. Therefore, BMS technology is the perfect provider of flexibility in production and flexibility in defining various combinations of TV product in terms of size and cosmetic design. Thanks to BMS technology, Vestel is expert in meeting various customer demands that makes Vestel company pioneer OEM/ODM TV manufacturer globally.

Via BMS technology, 2 main design models are applied by Vestel. These design models are segmented based on the bezel thicknesses.



ENERGY SAVER DESIGN

Energy efficiency and energy saving are among the most important topics in consumer electronics world. Thus, energy efficient technologies thanks to extensive R&D studies are employed by your Vestel TVs. Combination of main TV design, design of electronic components or design of backlight materials allows your TV to lower the average power consumption in order to meet global energy standards. With its energy efficient design, your TV is an important instrument that cares about natural energy resources as it gives you a chance to help to involve in creating greener environment.



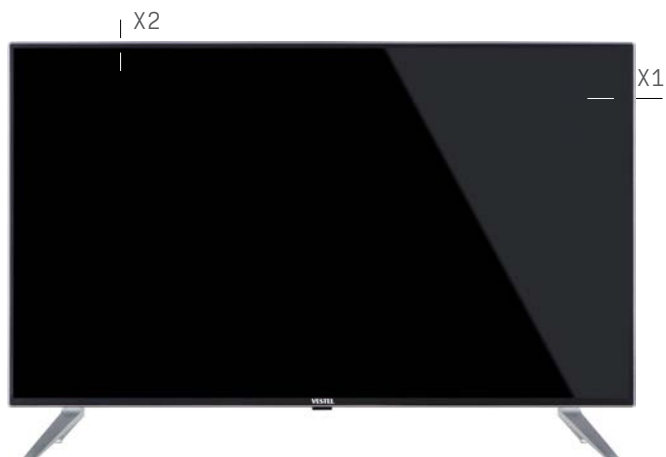
VNB (VERY NARROW BEZEL) DESIGN

Vestel VNB (Very Narrow Bezel) technology which is another specific design subset of BMS technology allows production of TVs with plastic fronts which have an average bezel thickness of 12mm to provide users very wide watching area on the screen for an amazing watching experience. VNB cabinets can be considered as superior versions of NB cabinets with brand-new designs and differentiations.



UNB (ULTRA NARROW BEZEL) DESIGN

Vestel UNB (Ultra Narrow Bezel) technology is the newest design segment that is offered by Vestel. UNB models are built by including front metal frame with an average thickness of 6 mm. Moreover, UNB models are ELED and SLIM DLED systems in order to cover any advantage of ELED and DLED systems.



UHD TV (4Kx2K) TV

		Bezel Thickness			Back Depth		
		X1	X2	Y	D1	D2	D3
ELED	VNB	20"	18,5 mm	18,5 mm	37,5 mm	16,5 mm	41,0 mm
		22"	18,5 mm	18,5 mm	28,0 mm	17,0 mm	43,0 mm
		23"	12,4 mm	12,4 mm	23,0 mm	20,3 mm	61,0 mm
		24"	13,0 mm	13,0 mm	23,4 mm	20,4 mm	61,0 mm
		28"	13,5 mm	13,5 mm	23,5 mm	24,5 mm	65,0 mm
		32"	13,5 mm	13,5 mm	22,0 mm	24,5 mm	67,0 mm
		39"	13,5 mm	13,5 mm	22,3 mm	25,5 mm	63,6 mm
	40"	13,7 mm	13,7 mm	22,4 mm	25,3 mm	67,7 mm	
	UNB	40"	6,5 mm	6,5 mm	9,5 mm	25,0 mm	65,0 mm
		43"	5,9 mm	5,9 mm	9,5 mm	25,0 mm	65,0 mm
		48"	5,9 mm	5,9 mm	9,5 mm	25,0 mm	65,0 mm
		49"	5,9 mm	5,9 mm	9,5 mm	25,0 mm	65,0 mm
		55"	7,0 mm	7,0 mm	10,5 mm	25,0 mm	65,0 mm
	NEW UNB	40"	5,5 mm	5,5 mm	10,5 mm	8,2 mm	52,0 mm
		43"	5,9 mm	5,9 mm	10,5 mm	8,2 mm	52,0 mm
49"		5,9 mm	5,9 mm	11,0 mm	8,3 mm	52,0 mm	
DLED	VNB FHD	32"	13,5 mm	13,5 mm	23,0 mm	26,0 mm	89,0 mm
		40"	13,5 mm	13,5 mm	22,0 mm	26,0 mm	89,0 mm
		43"	13,5 mm	13,5 mm	22,0 mm	26,0 mm	93,0 mm
		48"	15,0 mm	15,0 mm	25,0 mm	26,0 mm	89,0 mm
		49"	15,0 mm	15,0 mm	25,0 mm	26,0 mm	89,0 mm
		50"	16,5 mm	16,5 mm	27,0 mm	26,0 mm	89,0 mm
		55"	16,5 mm	16,5 mm	27,0 mm	26,0 mm	89,0 mm
		40"	13,5 mm	13,5 mm	22,0 mm	24,5 mm	79,0 mm
		43"	14,0 mm	14,0 mm	23,5 mm	24,5 mm	79,0 mm
	VNB UHD	48"	15,6 mm	15,6 mm	25,9 mm	24,5 mm	79,0 mm
		49"	15,6 mm	15,6 mm	25,9 mm	24,5 mm	79,0 mm
		50"	15,6 mm	15,6 mm	25,9 mm	24,5 mm	79,0 mm
		55"	15,6 mm	15,6 mm	26,9 mm	24,5 mm	79,0 mm
		55"	15,6 mm	15,6 mm	26,9 mm	24,5 mm	79,0 mm
		55"	15,6 mm	15,6 mm	26,9 mm	24,5 mm	79,0 mm
UNB UHD	40"	5,5 mm	5,5 mm	9,5 mm	22,5 mm	77,0 mm	
	43"	5,9 mm	5,9 mm	9,5 mm	22,5 mm	77,0 mm	
	49"	5,9 mm	5,9 mm	9,5 mm	22,5 mm	77,0 mm	
	50"	5,9 mm	5,9 mm	9,5 mm	22,5 mm	77,0 mm	
	55"	7,0 mm	10,5 mm	9,5 mm	22,5 mm	77,0 mm	
	55"	7,0 mm	10,5 mm	9,5 mm	22,5 mm	77,0 mm	
	65"	7,0 mm	10,5 mm	9,5 mm	22,5 mm	77,0 mm	



STAND DESIGNS: SINGLE NECK AND TWIN-STAND DESIGN

Vestel designs own TV stands by applying creative design process. Applying the latest unique design trends, Vestel TV is the representative of elegance with its huge amount of stylish stand design options.

Including many different trendy stand designs, Vestel TV stands are designed and classified as two main categories: Single-Neck and Twin Stands.

Single-neck and twin-stand options make Vestel flexible to use both concepts to form different combinations of TV lineups. Using these options, Vestel TVs provides different look to the environment that TV stands in.



V-ART ULTRA SLIM DESIGN

Forget about all your expectations from a classy TV design. New V-Art ultra slim line will change your criteria of elegance of a TV and fulfill your stylish dreams. Reduced thickness and weight of ultra slim design help you to enjoy enhanced elegance in display technology. Attractiveness of design is the key and has the attentions to innovative concept of TV rather than its technological features.

As the back depth thickness of TV is nearly equivalent to smartphones', this different design definitely add value to customer's viewing experience as well as adding value to your room thanks to its elegance. With this differentiated boutique concept, you will feel special every time you look at your state of art TV. The style of V-Art TV definitely aligns with your perspective of elegance.



	DVD	720X480
	720P	1280X720
	1080P	1920X1080
	ULTRA HD (4K)	3840X2160

UHD TV

UHD, the abbreviation for 'Ultra High Definition', is the most popular issue in TV business worldwide. Basically, UHD TV provides resolution of 3840x2160 (4K:2K) which equals to 4 times resolution of Full HD TV by doubling the pixel count of the Full HD TV both horizontally and vertically.

Vestel UHD TV offers an extreme watching experience with sharper and more colorful pictures thanks to higher pixel count. You will catch every detail on every corner of the screen thanks to stunning image production. Moreover, you will feel like living in a colorful virtual world while watching a scene on your UHD screen. While watching your favorite movie, watching a sports event or your favorite TV series delusive events are brought to your living room to fulfill your imaginations.

Thanks to its state of art industrial design and lifelike colorful image presentation, you will feel like that you are surrounded by paintings of famous artists in an art gallery while Vestel UHD TV is around.



HIGH DYNAMIC RANGE (HDR)

Vestel HDR TV meets your expectations from a TV with better pictures, in matter of more contrast with more color accuracy. The high quality images gives the TV picture astonishing dynamic look where details in dark and bright areas are clear as never before. Colors on the screen resemble real life Thanks to its unbelievable competence on color and eye-catching detail potential you can forget about your previous viewing experience in your lifetime. In HDR TV, great dynamic range of luminosity is achieved by capturing and then combining several different exposures. Foggy display in bright areas cleared as well as hidden details in darker areas enhanced. Video string containing all those metadata comes with standard data to mix in TV in order to create better image. HDR TV promises to revolutionize the way that you visualize details that you have never seen. Experiencing best picture performance ever has never been so joyful!



WIDE COLOR GAMUT + HIGH BRIGHT TV

Vestel Wide Color Gamut TV is an effective instrument for better picture performance. Wide Color Gamut TV is created by the means of mechanical – optical improvements to reach wider color palette that brings even more colors to the table, so far impossible to reproduce with TVs. You may have never noticed before that these weren't exactly how they looked in real life, but you sure will now. WCG will bring these colors and millions more to your eyes.

Combining this WCG technology with High Bright TV will bring your TV to the life. Enhancement with only WCG will not be enough for perfect picture quality, so as sole brightness increase. Almost 33% brighter LED lightning with respect to regular UHD TVs are the main source of powerful images supported by Wide Color Gamut. Higher brightness will help you to realize how realistic look of the images supported in Ultra HD.

With this combination you will feel that the colors are not the just the colors that you know.



888 TV Line-up

In terms of design and technology, Vestel offers mysterious wide lineup range in order to meet broad expectations of people from a TV. One of the most popular technologies, such as UHD TV arises with elegant slim design at the top of this lineup as it reflects the strength and quality of Vestel TV lineup. Moreover, elegant slim models including ultra narrow bezel

designs, quality metal applications or fashionable stand designs are all positioned in attractive lineup of Vestel. Flexibility, design capability and know-how of high technology allow Vestel to offer the most suitable product for your demand that fits your personal delight as well.



xx415

Features

Rounded plastic frame with trendy section with painted options.

Available Sizes

E-Led:

40", 43", 49", 55"



xx410

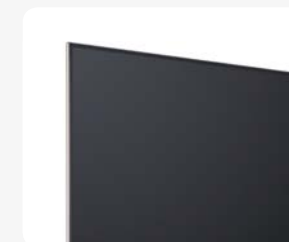
Features

High gloss metal frame with trendy section form which could be painted.

Available Sizes

E-Led:

40", 43", 49", 55"





xx405

Features


High gloss flat plastic frame with trendy section form which could be hot stamped.

Available Sizes

E-Led:
40", 43", 49", 55"



Available Lenses

CL406		
CL407		
CL408		



xx360

Features

Ultra narrow display with real chrome metal frame
Brushed metal back cover and half back cover design supporting the slim design
Aluminium bottom line with high quality finishing

Available Sizes

E-Led:
49", 55"



xx330

Features

High gloss plastic frame with trendy section form which could be painted.

Available Sizes

E-Led:

43", 48", 49", 55"





xx310

Features

Flat high quality display with thin metal frame side walls differentiated with shiny threadlike surface
 Chrome coated stands at both sides with elegant design
 Metal bar at bottom bezel with fine glittering silk print logo

Available Sizes

E-Led:
 43", 49", 55"



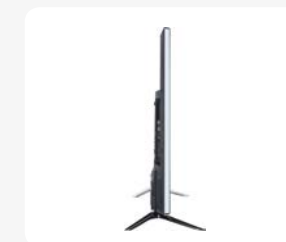
xx309

Features

Ultra narrow bezel model differentiated with chrome coated smoke gray lens
Logo is laser cut on the cosmetic lens

Available Sizes

E-Led:
43", 48", 49", 55"





xx300

Features

Ultra narrow bezel design with niche design details
Chrome coated lens design with triangular form in the middle for logo placement and IR receiver

Available Sizes

E-Led:

43", 48", 49", 55"

D-Led:

40"



Available Lenses



CL300



CL301



CL302



CL303



CL304



CL305



CL306



CL308



xx400

Features

Ultra narrow bezel design with niche design details for middle range.

Chrome coated lens design with triangular form in the middle for logo placement and IR receiver

Available Sizes

D-Led:

40", 43", 49", 50", 55", 65"



Available Lenses

 CL300	 CL301
 CL302	 CL303
 CL304	 CL306
 CL308	 CL310
 CL312	 CL314



xx299

Features

Plastic front cabinet with a bezel slimmer than 12mm. Available for both UHD and FHD. Hotstamp option on top and bottom of the bezel where the edges have chamfer on both sides.

Available Sizes

D-Led:

40", 43", 49", 55"



xx472

Features

Plastic front cabinet with a bezel slimmer than 12 mm. Available for both UHD and FHD.
 Glossy black front cabinet
 Thin silver brushed stripe with a convex shape at the bottom of the bezel

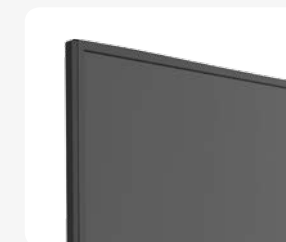
Available Sizes

E-Led:

24", 32"

D-Led:

32", 39", 43", 49", 55"





xx471

Features

Plastic front cabinet with a bezel slimmer than 12 mm. Available for both UHD and FHD.
Glossy black front cabinet
Thin silver brushed stripe with a V-shaped at the bottom of the bezel

Available Sizes

E-Led:

24", 32"

D-Led:

32", 39", 40", 43", 49", 55"



xx470

Features

Plastic front cabinet with a bezel slimmer than 12mm. Available for both UHD and FHD. Bottom side line serigraphy application with brand logo part. Below hotstamp area stylish design details.

Available Sizes

E-Led:

24", 32"

D-Led:

32", 39", 40", 43", 49", 55"





xx269

Features

Steam injection glossy black frame with soft edges. Available for both UHD and FHD. Rounded eye-catcher design details all around the bottom. Top and bottom hot stamp possibility.

Available Sizes

E-Led:

22", 24", 32", 40"

D-Led:

32", 40", 43", 49", 50"



xx268

Features

Steam injection black frame with soft edges.
Available for both UHD and FHD.
Rounded eye-catcher design details all around the top and bottom.

Available Sizes

E-Led:

22", 24", 32", 40"

D-Led:

32", 40", 43", 49", 50"





xx298

Features

Plastic front cabinet with a bezel slimmer than 12 mm. Only UHD model.
Glossy Black front cabinet with V-shaped silver brushed extrusion at bezel bottom.

Available Sizes

D-Led:
40", 43", 49", 55"



xx297

Features

Steam injection glossy black frame with soft edges. Only UHD model.
Single hot stamp line design details at the bottom .

Available Sizes

D-Led:
40", 43", 49", 55"





xx296

Features

Plastic front cabinet with a bezel slimmer than 12 mm with smooth black option. Only UHD model.

Steam injection cabinet with silver brushed extrusion line at bezel bottom.

Available Sizes

D-Led:

40", 43", 48", 49", 50", 55"



xx294

Features

High gloss front cabinet with bezel slimmer than 12 mm
Specially designed hot stamp area at bottom bezel .

Available Sizes

E-Led:

24", 32", 40"

D-Led:

32", 40", 48"





xx293

Features

Steam injection gloss plastic cabinet with narrow chamfers. Only UHD model.
Specially designed hot stamp application area at bottom bezel

Available Sizes

D-Led:

40", 43", 48", 49", 50", 55"



xx292

Features

High gloss front cabinet with thickness of 12mm. Only UHD model.
Specially designed hot stamp application area at bottom bezel highlighting the brand logo

Available Sizes

D-Led:

40", 43", 48", 49", 50", 55"





xx291

Features

Steam injection gloss plastic cabinet with thickness of 12 mm
Brand logo place is specially designed at the bottom line of bezel.

Available Sizes

E-Led:
24", 40", 48"

D-Led:
32"



xx290

Features

High gloss black steam injection front cabinet
 Bezel is leveled with extrusion – intrusion
 detail for catchy yet simple design

Available Sizes

E-Led:

32", 40"

D-Led:

32", 40", 43", 48", 49", 55"





xx289

Features

Steam injection glossy black frame with soft edges.
Hotstamp eye-catcher design detail at the bottom

Available Sizes

E-Led:

24", 32", 40"

D-Led:

32", 40", 43", 48", 50", 55"



xx288

Features

Piano finish glossy black surface without paint out of steam injection
 Special section design of the frame with concave and convex lines

Available Sizes

E-Led:

24", 32", 40"

D-Led:

32", 40", 43", 49", 55"





xx287

Features

High gloss black steam injection front cabinet with clear cut edges
Overall frame section reveals the high quality of the surface and material with reflections

Available Sizes

E-Led:
32", 40"

D-Led:
32", 40", 43", 48", 49", 55"



xx286

Features

Steam injection high gloss black unpainted front cabinet with 12 mm thickness
 Chrome hot stamp line highlights the thin bezel design

Available Sizes

E-Led:

32", 40"

D-Led:

32", 40", 43", 48", 49"





xx285

Features

Piano finish black plastic frame with 12 mm thickness without paint
 Bezel bottom has differentiating section with special cavity for logo

Available Sizes

E-Led:
 32", 40"
D-Led:
 32", 40", 43", 48", 49"



xx284

Features

Plastic front cabinet with a bezel slimmer than 12 mm
 Intrusion framing the whole display area creating a shadow and emboss effect around the screen.

Available Sizes

E-Led:

22", 24", 32", 40"

D-Led:

32", 40", 43", 48", 49"





xx283

Features

Plastic front cabinet with a bezel slimmer than 12 mm
Steam injection glossy black front cabinet with silver brushed hot stamp application on bottom an top bezel area

Available Sizes

E-Led:

22", 24", 32", 40"

D-Led:

32", 40", 43", 48", 49", 50



xx282

Features

Plastic front cabinet with a bezel slimmer than 12 mm
 Triangular formal structure at the bottom bezel

Available Sizes

E-Led:

22", 24", 32", 40"

D-Led:

32", 40", 43", 48", 49", 50"





xx281

Features

Plastic front cabinet with a bezel slimmer than 12 mm
 Piano Finish Black front cabinet with small silver brushed triangle extrusion at bottom bezel

Available Sizes

E-Led:

20", 23", 32", 40", 42"

D-Led:

32", 40", 42"



xx280

Features

Very simple narrow glossy black bezel
Overall slim chamfer at bottom edge

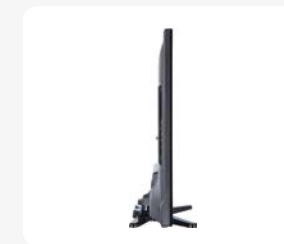
Available Sizes

E-Led:

20", 23", 24", 40", 42"

D-Led:

40", 42", 43", 49"





888 Technological Highlights

Vestel offers TV models that include the latest technology thanks to its strong R&D capabilities. Vestel Smart TV that includes most popular global contents, specific attractive apps and starring TV features are all presented in broad lineup of Vestel. Moreover, Vestel is expert of multiscreen technologies as wireless display technologies are supported by Vestel Smart

Center app that is offered in mobile devices in order to achieve second screen activities simultaneously with Vestel TV. You will be the master of technology as Vestel brings fantastic features into your home.



Android TV

Android TV is the perfect solution for entertainment tailored for customers on the home's biggest screen. Android is the world's most popular mobile platform, which is now powers all screen sizes. Experience delivered with a world of content, apps and games to you. The main benefits are focused on browsing/watching, voice control, gaming, and screen sharing. Android TV has its own category of apps with interfaces built and curated for the big screen. Suggestions are available thanks to personal recommendation feature. With Android TV you can ask Google simple questions.



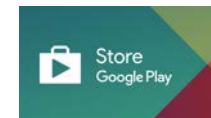
Google Play Games



Google Play Movies & TV



Google Play Music





Android TV lets you play your favorite Android games which come to the biggest screen in your home.

- Stunning 3D graphics
- Use the TV remote or an optional gamepad
- Resume play where you left off on Android devices
- Play with up to four friends right on your Android TV locally

Android TV is about less browsing around, instead getting what you want and watching it. With screen sharing feature you keep your spot when you are enjoying content, you can move from one device to another with ease. It has voice search and commands to help you look for what you want with the power of Google behind it. Android TV has Google cast built right into the devices, you can cast your favorite apps or even mirror your screen from supported devices. Android TV also has a remote control app in Play Store for your Android device you can use.

NETFLIX



Google Cast 

Available Services for Smart TV:

- Video
- VOD
- * Premium VOD
- * Local content
- * Rental Video services
- Catch-up
- * Local TV channels
- Internet Video
- Personal Music Channel
- Social Networking
- Music
- Personal Radio
- Music-on-demand
- Web Radio
- Games
- Information Services
- Weather
- News



Vestel Smart TV allows you to access various internet contents with a simple click on the remote control. Using Smart TV apps, basically, you can stream music, videos and movies in real time from several websites. You can watch the missed episodes of your favorite TV shows via catch up service; you can rent the latest movies or watch internet videos. Moreover, you have access to many online applications in various categories such as news, sports, games, weather, entertainment, social networks and more. For instance, you can stay connected and the latest updates on your social media accounts. Vestel Smart TV allows you to enjoy your favorite internet contents gathered in one common place by making your life designed for your personal preferences while using your Smart TV. While using your Vestel Smart TV, you can browse among apps and access to widgets while you are watching TV at the same time!



Vestel Smart TV offers you to experience Opera Store that helps to reach various numbers of extensive apps on your Smart TV. Opera Store is an opening gate to group of astonishing apps which is optimized for Smart TV. With different app categories that it employs, Opera TV Store helps you to navigate, select and launch wide range of apps in its attractive portfolio.



Vestel Smart TV enables you to connect internet in order to perform common online operations like you do with your personal computer. Vestel Smart TV includes full open browser feature which is powered by Opera, so allows you to handle any kind of internet operations from visiting websites to dealing with e-mails. With its user-friendly UI, Opera web browser provides you best browsing experience available. Via Vestel air mouse or Vestel Smart Remote app you can benefit from the opportunity of an easier browsing experience.

NETFLIX

Netflix is the most famous and essential VoD provider to watch movies and TV shows over internet connection. Vestel Smart TV enables you to watch thousands of movies and TV shows anytime you want and as much as you want via Netflix service. Having access to incredible world of TV episodes and movies, Vestel Smart TV instantly transforms your living room to a movie theater or a TV studio!



BBC iPlayer is an online VoD platform including whole TV shows as well as range of video clip contents. You can watch live contents and your favorite TV programs that you missed via BBC iPlayer on your Smart TV. Vestel Smart TV is all you need to meet your expectations from an online TV and radio service by providing you an opportunity to experience devastating entertainment show.



BBC Sports offers users to access best sport coverage both with live streams and VoD. You can watch live sport events from tennis tournaments to rugby games. Besides, you can watch latest highlights and headlines for these delusive events. Major sport events available come to your home with Vestel Smart TV via BBC Sports.



BBC News provides you latest news and highlights from global journalists. You can quickly find the topic you are interested in as well as reaching the news based on the categories you are interested in.

NERO MEDIAHOME



Nero Media Home is DLNA based media manager that allows you to share videos and pictures between your TV and computer wirelessly. By using Nero Media Home program on your PC, you can stream your media throughout your Media Home wirelessly as well as managing your media content.



Vestel HBB (Hybrid Broadband Broadcast) TV feature provides a delightful entertainment to the users through the harmonized variety in broadband and broadcast delivery by extending the reach of multimedia content on your TV set. More entertainment services from broadcasters and online providers such as video-on-demand (VoD), interactive advertising, personalization, voting, games and social networking as well as program related services such as digital text and EPGs will be accessed by end-user.



Freeview Play is another smart portal that Vestel supports which includes BBC iPlayer, ITV, All4 and Demand5. You can enjoy catch up services of these channels via backward EPG, all in one place. Just connect to internet, open your Freeview Play and start watching without a subscription fee.

SMART RECOMMENDATION



Vestel Smart TV would be your best friend since it understands your TV viewing habits. Smart TV learns your preferences and gives you advices that fit to your personal delight. Do you like horror films or football games or cartoons? Recommendation wizard learns your TV watching habits over time and recommend programs which you would interested in particularly depending on the day and time. Thus, you can aware of the movies, TV series, TV shows or sport games that is compatible with your preferences when you are watching your Smart TV. All you need to do is listen the advice, choose the recommended program and enjoy your time!

INTERNAL WIFI



Your TV doesn't need extra devices for connectivity anymore! There is an easier way of accessing internet! Built-in internal Wifi allows your TV to connect internet without using external connectors. You don't have to deal with plugging cables or to find a place to put the connector. Moreover, in the absence of cables, your TV will maintain its aesthetic appearance.



Multi-screen Technology

Vestel Smart TV allows you to use your companion devices (tablet pc and smartphone) by synchronizing them with your Smart TV. Meanwhile, you can build multi-screen system at your home that upgrades you to a higher entertainment level. You can control your Smart TV with your mobile devices wirelessly, you can send multimedia contents from your devices to your TV in order to view



Wireless Display



Wireless display feature allows mirroring the screen of your compatible Android device to stream videos up to 1080p on your Vestel Smart TV. While you are streaming a video on your smartphone, you can simultaneously mirror the screen of Android device on your wider Smart TV screen to enjoy detailed and higher quality pictures on TV without using any cable. Moreover, it is possible to send up to 5.1-surround sound that enables you

to experience high quality sound as well. Besides, you can just share the home screen of your device, to scroll between the apps on your Android device. Directly connect mobile device to your TV and get a new perspective on sharing! Besides, wireless display technology allows users to send stream, photos, music, videos and apps from compatible Intel based PCs or portable devices to your wireless display compatible Vestel

TV wirelessly. You can send up to 1080p video and 5.1 surround sound and have the opportunity to display the stream or multimedia contents on the bigger screen of TV with excellent picture and sound quality. You don't have to stick to little screen of your PC or portable device anymore. Just enjoy the new entertainment experience on your TV!



Smart Center

Vestel Smart Center is a mobile application that provides you a seamless mobile application experience on iOS and Android devices.

Smart Center allows users to perform following features:



TV PROGRAMS AND VOD (VIDEO-ON-DEMAND)

Viewers can browse TV channels, search movies or on-demand services on Smart Center. You can arrange your favorite TV channels, you can see the details of your favorite program and watch videos by using VoD that are related to your favorite TV program on internet.



MEDIA SHARE

Via Smart Center, it is possible to send music, pictures and videos from your mobile device to your Smart TV by swiping over DLNA protocol and view them full size on your Smart TV to enhance your viewing experience. For instance, you can display your holiday photos together with your family on your big screen quality Smart TV with a simple swipe movement.



FOLLOWME TV

Do you have to do some work in kitchen and want to continue to watch your favorite program? Smart Center allows viewers to deliver the video stream from Smart TV to tablet or pc. While watching your favorite program, just transfer the broadcast to your mobile device. You can take your mobile device with you and continue to watch your favorite program in your kitchen!



SOCIAL MEDIA INTERACTION:

You can follow and send program related tweets or like your favorite programs on Facebook while watching your favorite TV program on your Vestel Smart TV. This way, you can connect to people all over the world that have the same delight with you!



EPG VIA GRACENOTE

EPG (Electronic Program Guide) data provides necessary information to viewers about TV broadcast programming and program schedule for current and upcoming programs. Via Gracenote, Smart Center app will provide you broadcast schedule data and you will be aware of TV programs in details such as cast and crew. Moreover, you will be able to set reminders to watch your favorite programs as well as recording on time schedule of programs based on EPG data.



PORTAL LAUNCHER

Viewers can launch Smart TV Apps from personal tablet PC. Without using classical remote control, via Smart Center, you can connect your mobile device to your TV and directly launch various Smart TV apps and open browser by using your mobile device.



TV CONTROL: VOICE CONTROL, TOUCHPAD, KEYBOARD AND REMOTE

You don't need your classical remote anymore! Via Smart Center, there are many options to control your TV over your mobile device. By using remote control panel on your mobile device; you can use your device as classical remote control. Moreover, you can use keyboard option while searching on internet. While using open browser, you can turn your mobile device into a touchpad controller. Attractively, you can give voice commands over Smart Center to control some features of your Smart TV.





Smart Remote

Vestel Smart Remote makes it easier to use and control your Smart TV. Smart Remote app allows you to use your tablet pc and smartphone as substitutes of traditional remote controller. You can control your Smart TV by using different mode options: Remote buttons, Keyboard, Mouse, Gesture and Voice! Integration of these modes in single app allows you flexibility for a simpler user experience.



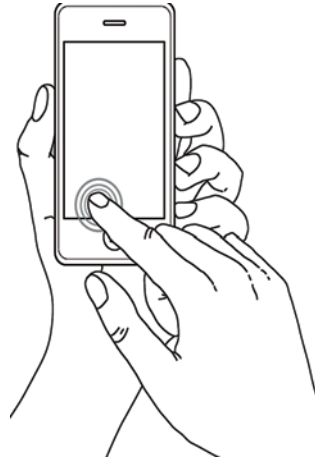
REMOTE BUTTONS

Traditional remote control buttons are integrated into Smart Remote app. Therefore, you can use your Tablet PC and smartphone as a remote controller. Traditional mode is provided in an extreme technological style!



KEYBOARD

You don't need remote controller or an extra keyboard in order to text on your TV. Just use the keyboard on your Tablet PC and smartphone to give textual comments on internet browser.



MOUSE

You can use your Tablet PC and smartphone as a touchpad mouse to control the mouse pointer on your Smart TV.



GESTURE

You can control your Smart TV by applying directional motions on gesture area on your companion devices.



VOICE

You can control your Smart TV by giving different voice commands to your Tablet PC and smartphone. What an easy way of controlling!



Starring Features

DUAL CORE

Vestel UHD TVs provide you faster use of TV in general thanks to its efficient technology with Dual Core processor. Employing powerful dual core processor, your Smart TV menus will make you feel that everything is highly user friendly as you experience the smooth transitions. You can achieve simultaneous multi-task operations easily without delays. TV experience has never been so friendly and joyful before.

HEVC (H.265)

Vestel UHD TV's includes HEVC decoder that provides you high level UHD based capabilities while using your TV. Thanks to HEVC compatibility, you can easily play 4K UHD content directly from USB input of TV using USB media player. Besides, your UHD TV is able to 4K UHD broadcast directly from tuner. Your Vestel UHD TV is a perfect unique system to enjoy UHD world.

DUAL TUNER

Vestel UHD TV's includes Dual Tuner that helps you to watch different programs at the same time. Besides, screen sharing with your mobile device thanks to dual tuner enables you to tune two different TV channels on your mobile device and TV at the same time. Similarly, thanks to one watch and one record option, you will be able to record your second favorite program while watching your most favorite one. You will never miss a second of your favorite programs!

CUSTOM BOOTLOGO

Custom Bootlogo feature allows you to choose your favorite photo such as your family photo, favorite nature photo and more for the opening screen of TV. Meanwhile, customization opportunity will make your TV exclusive for you!

BLUETOOTH



Vestel Smart TV's Bluetooth feature helps you to connect your accessories to your TV via Bluetooth. You can connect your headphones, sound systems, compatible 3D glasses and Vestel Touchpad remotes to enrich your TV using experience. Bluetooth feature completely changes your classical TV using habits and a true item for you to multiply the joy you have while watching TV!

ADVANCED EPG VIA GRACENOTE



Vestel TV will provide you broadcast schedule data in details on TV menu and you will be aware of TV programs in details. Thanks to the data coming via Gracenote, you can display information about cast and crew together with the information about day and time of the broadcast. Your Vestel TV there for you to make you aware of your favorite programs and to enhance your entertainment experience!

INTERNAL SUBWOOFER

Vestel TV's internal subwoofer option helps you to get incredible level of sound with an extreme audio output support to sound speakers. Hearing and feeling the power and purity of bass sound, all you have to do is listening and enjoying the perfect sound environment created by Vestel TV!



Features



DLNA certified Smart TV is able to build a technology center at your home since it allows connection to other DLNA certified devices over your home network wirelessly or with cable. You can display multimedia contents such as your family photos, music of your favorite band and videos from the party with your friends that are stored on your DLNA certified computer and phone on TV screen. You don't only share contents among devices but also share your emotions with people at home thanks to your Vestel Smart TV which stages a stunning multimedia show.

MOTION RATE



Motion Rate is the measurement of how your Vestel TV can display actively moving images in the best and the fastest way. With higher levels of Motion Rate feature, you can experience the dynamic way of watching while watching your favorite sports game or favorite action movies. Vestel TV will make you feel dynamism of pictures running through your veins!

Features

HDMI™

Through HDMI 2.0, you can experience the combination of pure sound and excellent visual content on your TV set. HDMI 2.0 is perfect and fastest source to transfer multimedia contents (video and audio) by providing clear pictures and clean sounds which results in an amazing user experience.

HDMI 2.0 provides, perfect source for potential UHD content and connection of various electronic devices to your TV set using only one compatible cable.



CI+ is a technical specification that is based on DVB-CI Standard and comes up with additional features for the electronic devices that are compatible with CI+ such as set-top-boxes. CI+ allows conditional access to function via CAM (conditional access module) instead of using a separate digital receiver or decoder.



USB allows easy connection of external storage devices directly to your TV set. Via USB you can quickly connect external storage and access digital contents such as image files, video files and audio files. Simply connect your external memory source to USB port of Vestel TV to watch your favorite movies or to display photos that are stored on big screen of TV instead of being obliged to display these contents on the small screen of your computer. Plug yourself in bigger screen for higher pleasure!



Vestel UHD TV's and particular Vestel Smart TV models include DTS support to provide pure and maximized audio performance in order to help you to experience the sound quality you have never heard before. Thanks to DTS Trusurround, surround sound equal to 5.1 system will be delivered for an immersive sound experience. Besides, DTS HD and DTS 2.0 digital out features provides you premium high definition audio format for all applications.



There may be times that you are not available to watch your favorite TV show or a movie genre that you would enjoy watching. Luckily, your Smart TV can record your favorite program and programs that would be compatible with your personal joy. Later, the programs that are recorded will be recommended. Smart TV gives you a friendly present by recording and offering TV programs that address your joy.



Advanced Hotel Mode

Advanced hotel mode is particularly configured mode which makes usage of TV more specific and more accurate for commercial TV business branches thanks to the features it includes. Advanced features provide enhanced differentiation and to the point meet of expectations in hospitality applications which can be accessed via special controller and password.



WELCOME SCREEN

Commercial logo, message or default pictures can be used and displayed at the start-up of TV. These can be displayed if the hotel mode is enabled. This feature allows you to benefit from customization at the high levels.



START-UP POSITION

This feature allows you to specify the starting channel when TV is switched on.



OSD DISABLE ON/OFF

OSD disable allows you to control TV settings and prevents guests from changing the installation settings. Users cannot reach channel table or installation menu and that means channel list and installation settings cannot be changed.

LAST STATUS

When 'last status' feature is set to on, this feature enables TV to open with the closing status. Otherwise, TV opens with standby status.

WAKE-UP ALARM

In hotel mode, guests can set a wake-up time and TV can automatically wake up at the desired time and an alarm rings to wake you up. Concurrently, welcome image is shown on the screen while alarm is ringing.

USB CLONING

USB cloning allows you to copy the settings of one TV to all other TV units in an easier way. For instance, you can copy the settings or channel list of one TV to high amounts of TV by using USB cloning. By this way, you can simply standardize all TVs without spending a lot of time. Helpful USB cloning feature prevents you from dealing with time-consuming installations and makes your life easier.

VOLUME LIMIT AND FIXED VOLUME VALUE

You can set the maximum and minimum values as you wish. If you set volume limit, you set the maximum value the volume can have. Moreover, when fixed volume enable is on, volume cannot be set to a value other than the fixed volume value.



Energy Saving

With convenient design and latest technologies applied, your TV tends to consume less energy in order to meet energy efficiency standard. Paying attention to energy efficiency issues, your TV truly cares about you and work to build a 'brighter' future for you.

PANEL DESIGN

LED Lighting systems used while building TV anticipate the effective selection and placement of LEDs in order to enhance energy efficiency levels by consuming less power.

MAINBOARD

Advanced technology applied in new mainboard designs that are used, allows TV to consume less energy by ensuring the optimum harmony between lighting system and signal distribution that is achieved by mainboard.

POWER BOARD

Application of power safe mode and effective power efficiency usage prevents your TV from unnecessarily excess power consumption in order to contribute energy saving.



DVB-T + C, DVB-T2 AND DVB-S2

DVB-T+C is the abbreviation for Digital Video Broadcasting-Terrestrial and Cable. Vestel TV employs the integration of terrestrial tuner and cable tuner which allows TV set to receive digital terrestrial and cable broadcasts as well as traditional analog signals. Viewers can eliminate the set-top box and Pay TV receiver because of the availability of CI+ module slot.

DVB-T2 that stands for Digital Video Broadcasting-Second Generation Terrestrial is the most advanced digital terrestrial broadcast system. Vestel TV includes a DVB-T2 tuner and allows TV to receive both standard and high definition terrestrial broadcasts without using a set-top-box or a Pay TV receiver.

DVB-S2 corresponds to Digital Video Broadcasting-Second Generation Satellite that provides digital satellite broadcasts. Vestel TV that is equipped with a DVB-S2 tuner enables user to watch both standard definition and high definition satellite broadcasts without the necessity for a set-top-box.

CI+

CI+ is a technical specification that is based on DVB-CI Standard and comes up with additional features for the electronic devices that are compatible with CI+ such as set-top-boxes. CI+ allows conditional access to function via CAM (conditional access module) instead of using a separate digital receiver or decoder. That is to say, you will have access to wide range of Pay TV services via plug-in CI+ module if CI+ is supported by Pay TV provider.

DVB T2/C/S2

























DVB T



















DVB S2

DVB T2



COUNTRY BASED APPROVALS AND BROADCAST

Country Based Approved Operators	Terrestrial DVB-T	Terrestrial DVB-T2	Cable DVB-C	Satellite DVB-S/S2
Australia	Freeview / Freeview Plus Coming soon			
Austria				
Belgium			 	
Croatia				
Czech				
Denmark				
Finland				
France				
Germany				
Ghana				
Hungary				
Ireland				

Country Based Approved Operators	Terrestrial DVB-T	Terrestrial DVB-T2	Cable DVB-C	Satellite DVB-S/S2
Italy				
Netherlands			 	
New Zealand	Freeview / Freeview Plus Coming soon			
Norway				
Poland				
Romania				
Slovakia				
Spain				
Serbia		Digital TV Coming soon		
Sweden				
Switzerland				
Turkey		DVB-T2 RTUK		
UK		 		



Accessories

TOUCHPAD REMOTE

Touchpad Remote is the most fashionable and practical way of controlling your Smart TV. By using touchpad are on your elegant design of remote, you can pass through your Smart TV applications or surf on the internet by using open web browser easily. Besides, you can still control every function of your TV by using classical control buttons on your touchpad remote.



AIR MOUSE

Air Mouse is enjoyable and easy way of controlling your Smart TV to live an amazing user experience. You can perform 2 control options by using your Air Mouse wirelessly: Point and Gesture!

Point: Discover the simple way of using Smart TV and internet. Simply point, click, enter any content or move anywhere on your Smart TV.

Gesture: You don't have to spend more time for movement on menus. Air Mouse enables you to zoom in and out by moving back and forth while holding OK button.



USB WIFI ADAPTER

You don't need extra Ethernet cables in your living room anymore while using your Vestel Smart TV. USB Wifi adapter allows you to connect your TV to internet wirelessly. All you need to do is plug in your Wifi adapter to your Smart TV and enjoy wireless connection over your home network.



ACCESSORIES



xx182



xx265



xx275



xx240



xx200



xx975



xx115



xx260



xx138 Chrome



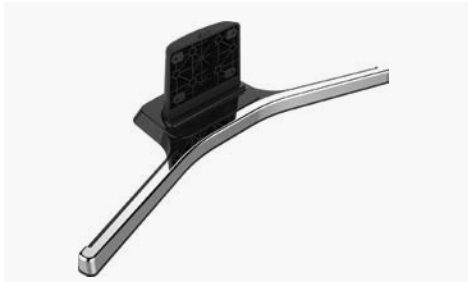
xx180



xx185



xx980



xx415



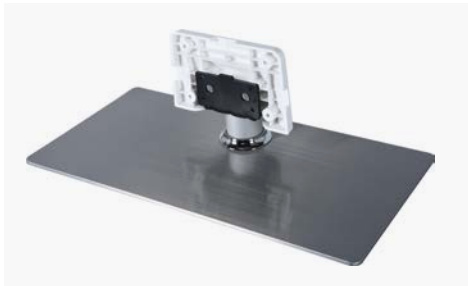
xx416



xx417



xx420



xx280



xx985



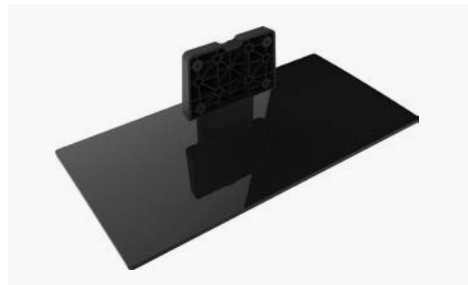
xx421



xx422



xx400



xx405



xx410



xx300



xx301



xx302



xx303



xx304



xx305



xx306



xx307



xx308



xx309



xx310



xx311



RC 1501



RC 4891



RC 4876



RC 3410



RC 4990



RC 49141



RC 48105



RC 4995



RC 5118



RC 4849



RC 49101



RC 5119



RC 49130



RC 4870



RC 4875

2011 AWARDS



Plus X Design Award
22920 Picture F. LED TV
32965 Metalluna LED TV
32930 LED TV



RC 5111



GOOD DESIGN Award
32130 BMS LED TV
Le BRAILLE RC
NUANCE RC
PLANO Remote Control
MIND Remote Control
TOTEM FemtoCell STB



DME Award 2011 - 2012
Vestel (Turkey)

2012 AWARDS



RED DOT 2012
XX150 GlassOn LED TV

reddot design award



Plus X Design Award
32140 (BMS) LED TV
32137 (BMS) LED TV
32135 (BMS) LED TV
32134 (BMS) LED TV
32132 (BMS) LEDTV
32130 (BMS) LEDTV
RC4822 TV Remote C.
4845 YinyangTV RC
4830 PLANO TV RC
4820 Metalluna TV RC
4836 Profit TV RC
DVB 1130, DVB 1125,
DVB 1120, DVB 605, DVB 545,
DVB 520, DVB 510, DVB 505,
DVB 325, DVB 315
FEMTOCELL Totem



Plus X Design Award
4845 YinyangTV RC
4830 PLANO TV RC
4836 Profit TV RC
DVB 1125
DVB 545



A Design Award 2012
Platinum A' Design Award
XX150GlassOn LEDTV
Golden A' Design Award
XX200 AGILE LED TV
XX170 La Torre
LEDTV Triumph LED TV
Silver A' Design Award
XX120VTV LEDTV



GERMAN Design Award
Davinci Digital Media Cont.
FashionTV UI
40840 LED TV
Leia iPod-DockTV
40842 LEDTV
RC3920 Remote Control
LED-I LEDTV
RC5100 Remote Control
ARISER LCD TV
Black Pearl TV UI
RC5110 RC
MINETV RC



DESIGN TURKEY
Product Design Award
XX995 LEDTV Plano
Remote control



GOOD DESIGN Award
Bend Cubic Set-Top-Box
Magneto Set-Top-Box
Promethe LED TV
XX190 LEDTV
RC Stiletto
Ultra LED TV
RC Key Touchpad
XX178 LEDTV
XX170 La Torre LEDTV

2013 AWARDS



IF Design Award 2013
XX134Serio BMS LEDTV



REDDOT 2013 - RC4825
Taction Remote Control

reddot design award



Gold A Design Award
Golden A' XX265 LED TV
Design Award Avoi Set Top
XX240 LED TV Box
XX250 LED TV



Silver A Design Award
Bent Customizable
All-in-One PC



Bronze A Design Award
Tria Set Top Box
Nose Set Top Box
Stiletto remote control



GERMAN Design Award
Eidolon DVB
32130 BMS LED TV
Totem FemtoCell STB
Plano Remote Control

2014 AWARDS



Best Product of The Year

Curl All-in-One PC
Nose Set-Top-Box



Plus X Award 2013

Most Innovative Brand
of the Year 2013
In Home-Video

PlusX Product Award

Stiletto TV Remote Control
RC4860 TOPPO Rem. Cont.
RC4855 BOTUP Rem. Cont.
LURE Set-top-box
NOSESet-top-box
RC4825 Taction Rem. Cont.
AVOI Set-top-box
Tria Set-top-box
Trio Set-top-box
XX270 LEDTV
XX242 LED BMS SNB TV
XX241 LED BMS SNB TV
XX240 LED BMS SNB TV
XX170 La Torre LED TV
XX243 LED BMS SNB TV
XX252 LED TV XX260 LED TV
XX265 LED TV
Bent All-in-One PC
WAVE All-in-One PC
CALC-key Computer Keyb.
CURL All-in-One PC



Platinum A DesignAward

Glasson Smart Phone



Gold A Design Award

LaCourbe Curved Led TV



Silver A Design Award

Curvelinea Curved Led TV
Daphne Smart Phone
Shadow Smart Phone Eckig
Breakfast Set
Icon Breakfast Set



Bronze A Design Award

7" Venus tablet
10" Venus tablet



Best Product of The Year

Chopin
4K UHD Media Player
(best set top box of the year)
65240 LED TV
(best LED TV of the year)
RC 1600 Remote Control



Plus X Product Award

Vestel Venus Shadow
Smart Phone(5.0X, 5.5X)
Vestel Venus Glass
On Smart Phone (5.0V, 5.5V)
Vestel Venus Daphne
Smart Phone (4,5)
RC 1600 Remote Control
Igor 4K UHD Media player
Chopin 4K UHD Media player
Bartok 4K UHD Media player
Vivaldi 4K UHD Media player
Verdi 4K UHD Media player
65240LED TV55310 LED TV

2015 AWARDS



Gold A Design Award

Venus 3R 5" Smart Phone
Kahveci Turkish Coffee Machine



Silver A Design Award

Venus Polychrome Smart Phone
Envo Electric Vehicle Charger



Bronze A Design Award

Venus 3R 5.5" Smart Phone



Plus X Award for Design

Envo electric vehicle charger
Kahveci Turkish Coffee Machine
Lal Turkish Coffee Machine
Sade Turkish Coffee Machine



Plus X Award for Design and Ease of Use

Repubblica remote control
RC38100 remote control
Venus 3R 5" Smart Phone
Venus 3R 5.5" Smart Phone
Venus Polychrome Smart Phone



Plus X Award for High Quality, Design and Ease of Use

55330 Slim Edge Led TV
55360 Slim Art Led TV

2016 AWARDS



Gold A Design Award

Swing 65" Uhd Tv



Silver A Design Award

Vdrop 55" Uhd Tv
Twin Tower 65" Uhd Tv
Venus Leo Smartphone
Venus Vega 5,7" Smartphone

SPECIFICATIONS

LCD TV SPECIFICATIONS	20"	22"	24"	28"	32"	39"	40"	43"	48"	50"
	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S
Main Features										
Full Hd	-	o	o	-	o	●	●	●	●	●
Ultra Hd	-	-	-	-	-	-	-	-	-	-
Dvb-T Mpeg2	●	●	●	●	●	●	●	●	●	●
Dvb-C/ Dvb-S Mpeg2	o	o	o	o	o	o	o	o	o	o
Dvb-T Mpeg4	o	●	●	●	●	●	●	●	●	●
Dvb-C/ Dvb-S/ Dvb-S2 Mpeg4	o	o	o	o	o	o	o	o	o	o
Hevc (H.265)	-	-	-	-	-	-	-	-	-	-
3Dtv And Type	-	-	-	-	-	-	-	-	-	-
Pvr Ready (Usb Record)	o	o	o	o	o	o	o	o	o	o
Reception & Tuning Systems										
Tuner Vhf/Uhf/Cable	●	●	●	●	●	●	●	●	●	●
Pal Secam B/G D/K I/I' L/L' (Tri Standart)	●	●	●	●	●	●	●	●	●	●
Ntsc	-	-	-	-	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-	-	-	-	-
Sound										
Ger(D) + Nicam Stereo	●	●	●	●	●	●	●	●	●	●
Dts Trusurround	-	-	-	-	-	-	-	-	-	-
Dts Hd	-	-	-	-	-	-	-	-	-	-
Dts 2.0 Digital Out	-	-	-	-	-	-	-	-	-	-
Dolby Digital Plus (Dd+)	o	o	o	o	o	o	o	o	o	o
Audio Output Power(Rms)	2x2.5W	2x2.5W	2x2.5W	2x6W	2x6W	2x6W	2x6W	2x6W	2x6W	2x6W
Subwoofer Audio Output Max Power (Rms)	-	-	-	-	-	-	-	-	-	-
Connectors										
Rf: Tv/Catv 75 Ohms Coaxial	●	●	●	●	●	●	●	●	●	●
Scart (Euroconnector)	1	1	1	1	1	1	1	1	1	1
Composite Video/Audio In	●	●	●	●	●	●	●	●	●	●
Audio Line Out Via Headphone	●	●	●	●	●	●	●	●	●	●
Ypbpr (Component) In	-	-	-	-	-	-	-	-	-	-
Ypbpr In Via Vga	●	●	●	●	●	●	●	●	●	●
Vga (Pc In: D-Sub15)	●	●	●	●	●	●	●	●	●	●
Pc Audio In	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV
Hdmi 1.4 (Default/Optional)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Hdcp (1.2/ 2.0 / 2.2)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Digital Audio Output (Coaxial/Optic)	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL
Headphone Out (Main Volume Control)	●	●	●	●	●	●	●	●	●	●
Headphone Out (Headphone Vol.control Support Dual Channels)	-	-	-	-	-	-	-	-	-	-
Subwoofer Line Out(Passive)	-	-	-	-	-	-	-	-	-	-
Internal Subwoofer	-	-	-	-	-	-	-	-	-	-
Usb 2.0 (Default/Optional)	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
Lan-Ethernet (IEEE 802.3) RJ45	-	-	-	-	-	-	-	-	-	-
Smart Port-Interactive Ready Hotel Tv App.rj12	-	-	-	-	-	-	-	-	-	-

LCD TV SPECIFICATIONS	20"	22"	24"	28"	32"	39"	40"	43"	48"	50"
	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S	MB82S
Rs232 (In/Out) (D-Sub 9)	-	-	-	-	-	-	-	-	-	-
Connectivity Features										
Hbbtv	-	-	-	-	-	-	-	-	-	-
Wifi (Via Usb Dongle)	-	-	-	-	-	-	-	-	-	-
Flash Lite Support (By Youtube)	-	-	-	-	-	-	-	-	-	-
Html5 Support (By Youtube Lb4 2014)	-	-	-	-	-	-	-	-	-	-
4K Support (By Youtube Vp9 2015)	-	-	-	-	-	-	-	-	-	-
Dlna 1.5	-	-	-	-	-	-	-	-	-	-
Dlna 2.1	-	-	-	-	-	-	-	-	-	-
Mhl Via Hdmi (Mobile Hd Link)	-	-	-	-	-	-	-	-	-	-
Bluetooth	-	-	-	-	-	-	-	-	-	-
Portal Support	-	-	-	-	-	-	-	-	-	-
Wifi (Internal)	-	-	-	-	-	-	-	-	-	-
Open Internet	-	-	-	-	-	-	-	-	-	-
Bbc Iplayer, News, Sports, Crb	-	-	-	-	-	-	-	-	-	-
Netflix	-	-	-	-	-	-	-	-	-	-
Netflix 4K	-	-	-	-	-	-	-	-	-	-
Wireless Display	-	-	-	-	-	-	-	-	-	-
Additional Features										
Usb Cloning	o	o	o	o	o	o	o	o	o	o
E-Ib	-	-	-	-	-	-	-	-	o	-
Digital (Dvb)										
Menu Languages	-	-	-	-	-	-	-	-	-	-
Epg Timeline Schedule	●	●	●	●	●	●	●	●	●	●
Common Interface (Pcmcia Slot For Pay Channels)	●	●	●	●	●	●	●	●	●	●
Communication										
Cec(Connected Equipment Features Via Hdmi)	-	-	-	-	-	-	-	-	-	-
Operation										
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Certificates										
Weee And Rohs Rcompliant	●	●	●	●	●	●	●	●	●	●

NOTE
SECAM system is not supported by MB82S

● Default o Optional - N/A

SPECIFICATIONS

LCD TV SPECIFICATIONS	20"	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"	55"
	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97
Main Features												
Full Hd	-	o	o	-	o	●	●	●	●	●	●	●
Ultra Hd	-	-	-	-	-	-	-	-	-	-	-	-
Dvb-T Mpeg2	●	●	●	●	●	●	●	●	●	●	●	●
Dvb-C/ Dvb-S Mpeg2	o	o	o	o	o	o	o	o	o	o	o	o
Dvb-T Mpeg4	●	●	●	●	●	●	●	●	●	●	●	●
Dvb-C/ Dvb-S/ Dvb-T2/ Dvb-S2 Mpeg4	o	o	o	o	o	o	o	o	o	o	o	o
Hevc (H.265)	-	-	-	-	-	-	-	-	-	-	-	-
3Dtv And Type	-	-	-	-	FPR	FPR	SG	FPR	SG	FPR	FPR	FPR
Pvr Ready (Usb Record)	o	o	o	o	o	o	o	o	o	o	o	o
Reception & Tuning Systems												
Tuner Vhf/Uhf/Cable	●	●	●	●	●	●	●	●	●	●	●	●
Pal Secam B/G D/K I/I' (Tri Standart)	●	●	●	●	●	●	●	●	●	●	●	●
Ntsc	-	-	-	-	-	-	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-	-	-	-	-	-	-
Sound												
Ger(D) + Nicam Stereo	●	●	●	●	●	●	●	●	●	●	●	●
Dts Trusurround	o	o	o	o	o	o	o	o	o	o	o	o
Dts Hd	-	-	-	-	-	-	-	-	-	-	-	-
Dts 2.0 Digital Out	o	o	o	o	o	o	o	o	o	o	o	o
Dolby Digital Plus (Dd+)	o	o	o	o	o	o	o	o	o	o	o	o
Audio Output Power(Rms)	2x2.5W	2x2.5W	2x2.5W	2x6W	2X6W	2X8W	2X8W	2X8W	2X10W	2X10W	2X10W	2X10W
Connectors												
Rf: Tv/Catv 75 Ohms Coaxial	●	●	●	●	●	●	●	●	●	●	●	●
Scart (Euroconnector)	1	1	1	1	1	1	1	1	1	1	1	1
Composite Video/Audio In	●	●	●	●	●	●	●	●	●	●	●	●
Audio Line Out Via Headphone	●	●	●	●	●	●	●	●	●	●	●	●
Ypbpr (Component) In	-	-	-	-	-	-	-	-	-	-	-	-
Ypbpr In Via Vga	o	o	o	o	o	o	o	o	o	o	o	o
Vga (Pc In: D-Sub15)	●	●	●	●	●	●	●	●	●	●	●	●
Pc Audio In	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV
Hdmi 1.4 (Default/Optional)	1/1	1/1	1/1	1/1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Hdcp (1.2/ 2.0 / 2.2)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Digital Audio Output (Coaxial/Optic)	COAXIAL	COAXIAL	COAXIAL	COAXIAL	COAXIAL	OPTIC	OPTIC	OPTIC	OPTIC	OPTIC	OPTIC	OPTIC
Headphone Out (Main Volume Control)	●	●	●	●	●	●	●	●	●	●	●	●
Headphone Out (Headphone Vol.control Support Dual Channels)	-	-	-	-	-	-	-	-	-	-	-	-
Subwoofer Line Out(Passive)	-	-	-	-	-	-	-	-	-	-	-	-
Internal Subwoofer	-	-	-	-	-	-	-	-	-	-	-	-
Usb 2.0 (Default/Optional)	1/0	1/0	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Lan-Ethernet (IEEE 802.3) RJ45	o	o	o	o	o	o	o	o	o	o	o	o
Smart Port-Interactive Ready Hotel Tv App.rj12	-	-	-	-	-	-	-	-	-	-	-	-
Rs232 (In/Out) (D-Sub 9)	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART

LCD TV SPECIFICATIONS	20"	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"	55"
	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97
Connectivity Features												
Hbbtv	o	o	o	o	o	o	o	o	o	o	o	o
Wifi (Via Usb Dongle)	o	o	o	o	o	o	o	o	o	o	o	o
Flash Lite Support (By Youtube)	-	-	-	-	-	-	-	-	-	-	-	-
Html5 Support (By Youtube Lb4 2014)	o	o	o	o	o	o	o	o	o	o	o	o
4K Support (By Youtube Vp9 2015)	-	-	-	-	-	-	-	-	-	-	-	-
Dlna 1.5 & 2.1	o	o	o	o	o	o	o	o	o	o	o	o
Mhl Via Hdmi (Mobile Hd Link)	-	-	-	-	-	-	-	-	-	-	-	-
Bluetooth	-	-	-	-	o	o	o	o	o	o	o	o
Portal Support	o	o	o	o	o	o	o	o	o	o	o	o
Wifi (Internal)	-	-	-	-	o	o	o	o	o	o	o	o
Open Internet	o	o	o	o	o	o	o	o	o	o	o	o
Bbc Iplayer, News, Sports, Crb	o	o	o	o	o	o	o	o	o	o	o	o
Netflix	o	o	o	o	o	o	o	o	o	o	o	o
Netflix 4K	-	-	-	-	-	-	-	-	-	-	-	-
Wireless Display	o	o	o	o	o	o	o	o	o	o	o	o
Additional Features												
Usb Cloning	o	o	o	o	o	o	o	o	o	o	o	o
E-lb	o	o	o	o	o	o	o	o	o	o	o	o
Digital (Dvb)	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Gallegan, Luxembourgish, Montenegrin, Flemi											
Epg Timeline Schedule	●	●	●	●	●	●	●	●	●	●	●	●
Common Interface (Pcmcia Slot For Pay Channels)	●	●	●	●	●	●	●	●	●	●	●	●
Communication	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97
Cec(Connected Equipment Features Via Hdmi)	o	o	o	o	o	o	o	o	o	o	o	o
Operation	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Certificates	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97	MB97
Weee And Rohs Compliant	●	●	●	●	●	●	●	●	●	●	●	●

NOTE
 * LAN (Ethernet) and Mobil TV (12V DC adapter option) can not be supported together.
 * Netflix 4.1 is supported
 * ARC supported through HDMI1

● Default o Optional - N/A

SPECIFICATIONS

LCD TV SPECIFICATIONS	55"	65"
	MB98	MB98
Main Features		
Full Hd	●	●
Ultra Hd	-	-
Dvb-T Mpeg2	●	●
Dvb-C/ Dvb-S Mpeg2	○	○
Dvb-T Mpeg4	●	●
Dvb-C/ Dvb-S/ Dvb-T2/ Dvb-S2 Mpeg4	○	○
Hevc (H.265)	-	-
3Dtv And Type	SG/FPR	SG
Pvr Ready (Usb Record)	○	○
Reception & Tuning Systems	MB98	MB98
Tuner Vhf/Uhf/Cable	●	●
Pal Secam B/G D/K II' (Tri Standart)	●	●
Ntsc	-	-
Dual Tuner	-	-
Sound	MB98	MB98
Ger(D) + Nicam Stereo	●	●
Dts Trusurround	○	○
Dts Hd	-	-
Dts 2.0 Digital Out	○	○
Dolby Digital Plus (Dd+)	○	○
Audio Output Power(Rms)	2x10W	2x12W
Subwoofer Audio Output Max Power (Rms)	12W	12W
Connectors	MB98	MB98
Rf: Tv/Catv 75 Ohms Coaxial	●	●
Scart (Euroconnector)	1	1
Composite Video/Audio In	via YPbPr	via YPbPr
Audio Line Out Via Headphone	●	●
Ypbpr (Component) In	●	●
Ypbpr In Via Vga	-	-
Vga (Pc In: D-Sub15)	●	●
Pc Audio In	via YPbPr	via YPbPr
Hdmi 1.4 (Default/Optional)	4/0	4/0
Hdcp (1.2/ 2.0 / 2.2)	1.2	1.2
Digital Audio Output (Coaxial/Optic)	OPTIC	OPTIC
Headphone Out (Main Volume Control)	●	●
Headphone Out (Headphone Vol.control Support Dual Channels)	-	-
Subwoofer Line Out(Passive)	●	●
Internal Subwoofer	○	○
Usb 2.0 (Default/Optional)	2/1	2/1
Lan-Ethernet (Ieee 802.3) RJ45	●	●
Smart Port-Interactive Ready Hotel Tv App.rj12	○	○
Rs232 (In/Out) (D-Sub 9)	via SCART	via SCART
Connectivity Features	MB98	MB98

LCD TV SPECIFICATIONS	55"	65"
	MB98	MB98
Hbbtv	○	○
Wifi (Via Usb Dongle)	○	○
Flash Lite Support (By Youtube)	-	-
Htmi5 Support (By Youtube Lb4 2014)	○	○
4K Support (By Youtube Vp9 2015)	-	-
Dlna 1.5	○	○
Dlna 2.1	-	-
Mhl Via Hdmi (Mobile Hd Link)	-	-
Bluetooth	○	○
Portal Support	○	○
Wifi (Internal)	○	○
Open Internet	○	○
Bbc Iplayer, News, Sports, Crb	○	○
Netflix	○	○
Netflix 4K	-	-
Wireless Display	○	○
Additional Features		
Usb Cloning	○	○
E-Ib	○	○
Digital (Dvb)		
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Gallegan, Luxembourgish, Montenegrin, Flemish	
Epg Timeline Schedule	●	●
Common Interface (Pcmcia Slot For Pay Channels)	●	●
Communication	MB98	MB98
Cec(Connected Equipment Features Via Hdmi)	○	○
Operation	MB98	MB98
Power Supply	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W
Certificates	MB98	MB98
Weee And Rohs Compliant	●	●

NOTE

BAV IN / OUT option is available for Non-EC models.

* Netflix 4.1 is supported.

* Scart-1 and mini scart option can not be supported at the same time

* USB 3 and RJ12 (special hotel TV) options can not be given at the same time

* ARC supported through HDMI3

● Default ○ Optional - N/A

LCD TV SPECIFICATIONS	20"	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"	55"
	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110
Main Features												
Full Hd	-	●	-	-	○	●	●	●	●	●	●	●
Ultra Hd	-	-	-	-	-	-	-	-	-	-	-	-
Dvb-T Mpeg2	●	●	●	●	●	●	●	●	●	●	●	●
Dvb-C / Dvb-S Mpeg2	○	○	○	○	○	○	○	○	○	○	○	○
Dvb-T/C/T2/S2 Mpeg4	●	●	●	●	●	●	●	●	●	●	●	●
Hevc (H.265)	●	●	●	●	●	●	●	●	●	●	●	●
Media Player	●	●	●	●	●	●	●	●	●	●	●	●
Pvr Ready (Usb Record)	○	○	○	○	○	○	○	○	○	○	○	○
Hdmi (1.1/1.2/1.3/1.4/2.0)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Reception & Tuning Systems												
Tuner Vhf/Uhf/Cable	●	●	●	●	●	●	●	●	●	●	●	●
Pal Secam B/G D/K I/I' (Tri Standart)	●	●	●	●	●	●	●	●	●	●	●	●
Ntsc	-	-	-	-	-	-	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-	-	-	-	-	-	-
Sound												
Ger(D) + Nicam Stereo	●	●	●	●	●	●	●	●	●	●	●	●
Dolby Digital Plus (Dd+)	-	-	-	-	-	-	-	-	-	-	-	-
Dts Trusurround	○	○	○	○	○	○	○	○	○	○	○	○
Dts 2.0+ Digital Out	-	-	-	-	-	-	-	-	-	-	-	-
Dts Hd	○	○	○	○	○	○	○	○	○	○	○	○
Audio Output Power(Rms)	2x2.5W	2x2.5W	2x2.5W	2x6W	2X6W	2X8W	2X8W	2X8W	2X8W	2X8W	2X8W	2X8W
Subwoofer Audio Output Max Power (Rms)	-	-	-	-	-	-	-	-	-	-	-	-
Connectors												
Rf: Tv/Catv 75 Ohms Coaxial	●	●	●	●	●	●	●	●	●	●	●	●
Scart (Euroconnector)	1	1	1	1	1	1	1	1	1	1	1	1
Composite Video/Audio In	●	●	●	●	●	●	●	●	●	●	●	●
Audio Line Out Via Headphone	●	●	●	●	●	●	●	●	●	●	●	●
Ypbpr (Component) In	-	-	-	-	-	-	-	-	-	-	-	-
Ypbpr In Via Vga	○	○	○	○	○	○	○	○	○	○	○	○
Vga (Pc In: D-Sub15)	●	●	●	●	●	●	●	●	●	●	●	●
Pc Audio In	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV
Hdmi (Default/Optional)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Hdcp (1.2/ 2.0 / 2.2)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Digital Audio Output (Coaxial)	●	●	●	●	●	-	-	-	-	-	-	-
Digital Audio Output (Optic)	-	-	-	-	-	●	●	●	●	●	●	●
Headphone Out (Main Volume Control)	●	●	●	●	●	●	●	●	●	●	●	●
Headphone Out (Headphone Vol.control Support Dual Channels)	-	-	-	-	-	-	-	-	-	-	-	-
Subwoofer Line Out(Passive)	-	-	-	-	-	-	-	-	-	-	-	-
Internal Subwoofer	-	-	-	-	-	-	-	-	-	-	-	-
Usb 2.0 (Default/Optional)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Lan-Ethernet (Ieee 802.3) RJ45	○	○	○	○	○	○	○	○	○	○	○	○

SPECIFICATIONS

LCD TV SPECIFICATIONS	20"	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"	55"
	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110
Connectors												
Smart Port-Interactive Ready Hotel Tv App.rj12	-	-	-	-	-	-	-	-	-	-	-	-
Rs232 (In/Out) (D-Sub 9)	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART
Connectivity Features												
Hbbtv (1.5)	o	o	o	o	o	o	o	o	o	o	o	o
Freeview Play	o	o	o	o	o	o	o	o	o	o	o	o
Wifi (Via Usb Dongle)	o	o	o	o	o	o	o	o	o	o	o	o
Html5 Support (By Youtube Lb4 2014)	o	o	o	o	o	o	o	o	o	o	o	o
4K Support (By Youtube Vp9 2015)	-	-	-	-	-	-	-	-	-	-	-	-
Dlna 1.5	-	-	-	-	-	-	-	-	-	-	-	-
Dlna 2.1	o	o	o	o	o	o	o	o	o	o	o	o
Bluetooth	-	-	-	-	o	o	o	o	o	o	o	o
Portal Support	o	o	o	o	o	o	o	o	o	o	o	o
Wifi (Internal)	-	-	o	o	o	o	o	o	o	o	o	o
Open Internet	o	o	o	o	o	o	o	o	o	o	o	o
Bbc Iplayer, News, Sports, Crb	o	o	o	o	o	o	o	o	o	o	o	o
Netflix	o	o	o	o	o	o	o	o	o	o	o	o
Netflix 4K	-	-	-	-	-	-	-	-	-	-	-	-
Wireless Display	o	o	o	o	o	o	o	o	o	o	o	o
Additional Features												
Usb Cloning	o	o	o	o	o	o	o	o	o	o	o	o
Feature Osd	o	o	o	o	o	o	o	o	o	o	o	o
E-Ib	o	o	o	o	o	o	o	o	o	o	o	o
Digital (Dvb)												
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Gallegan, Luxembourgish, Montenegrin, Flemish											
Epg Timeline Schedule	●	●	●	●	●	●	●	●	●	●	●	●
Common Interface (Pcmcia Slot For Pay Channels)	●	●	●	●	●	●	●	●	●	●	●	●
Communication												
Cec(Connected Equipment Features Via Hdmi)	●	●	●	●	●	●	●	●	●	●	●	●
Operation												
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Certificates												
Weee & Rohs Compliant	●	●	●	●	●	●	●	●	●	●	●	●

● Default o Optional - N/A

LCD TV SPECIFICATIONS	40"	43"	48"	49"	55"	65"
	MB120	MB120	MB120	MB120	MB120	MB120
Main Features						
Full Hd	-	-	-	-	-	-
Ultra Hd	●	●	●	●	●	●
Dvb-T/C/S Mpeg2	●	●	●	●	●	●
Dvb-T/C Mpeg4	●	●	●	●	●	●
Dvb-S/T2/S2 Mpeg4	o	o	o	o	o	o
Hevc (H.265)	●	●	●	●	●	●
Media Player	●	●	●	●	●	●
Pvr Ready (Usb Record)	o	o	o	o	o	o
Reception & Tuning Systems						
Tuner Vhf/Uhf/Cable	●	●	●	●	●	●
Pal Secam B/G D/K I/I' (Tri Standart)	●	●	●	●	●	●
Ntsc	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-
Sound						
Ger(D) + Nicam Stereo	●	●	●	●	●	●
Dolby Digital Plus (Dd+)	o	o	o	o	o	o
Dts Trusurround	o	o	o	o	o	o
Dts 2.0+ Digital Out	-	-	-	-	-	-
Dts Hd	o	o	o	o	o	o
Audio Output Power(Rms)	2x10W	2x10W	2x10W	2x10W	2x10W	2x12W
Subwoofer Audio Output Max Power (Rms)	-	12W	12W	12W	12W	12W
Connectors						
Rf: Tv/Catv 75 Ohms Coaxial	●	●	●	●	●	●
Scart (Euroconnector)	1	1	1	1	1	1
Composite Video/Audio In	via Back YPbPr	via Back YPbPr	via Back YPbPr	via Back YPbPr	via Back YPbPr	via Back YPbPr
Audio Line Out Via Headphone	●	●	●	●	●	●
Ypbpr (Component) In	●	●	●	●	●	●
Ypbpr In Via Vga	-	-	-	-	-	-
Vga (Pc In: D-Sub15)	●	●	●	●	●	●
Pc Audio In	via YPbPr	via YPbPr	via YPbPr	via YPbPr	via YPbPr	via YPbPr
Hdmi 2.0 (Default/Optional)	2/2	2/2	2/2	2/2	2/2	2/2
Hdcp (1.2/ 2.0 / 2.2)	2.2	2.2	2.2	2.2	2.2	2.2
Digital Audio Output (Coaxial/Optic)	OPTIC	OPTIC	OPTIC	OPTIC	OPTIC	OPTIC
Headphone Out (Main Volume Control)	o	o	o	o	o	o
Headphone Out (Headphone Vol.control Support Dual Channels)	o	o	o	o	o	o
Subwoofer Line Out(Passive)	●	●	●	●	●	●
Internal Subwoofer	-	o	o	o	o	o
Usb 3.0 (Side)	o	o	o	o	o	o
Usb 2.0 (Default/Optional)	2/0	2/0	2/0	2/0	2/0	2/0
Lan-Ethernet (IEEE 802.3) RJ45	●	●	●	●	●	●
Smart Port-Interactive Ready Hotel Tv App.rj12	o	o	o	o	o	o

SPECIFICATIONS

LCD TV SPECIFICATIONS	40"	43"	48"	49"	55"	65"
	MB120	MB120	MB120	MB120	MB120	MB120
Rs232 (In/Out) (D-Sub 9)	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART
Connectivity Features						
Hbbtv (1.5)	o	o	o	o	o	o
Freeview Play	o	o	o	o	o	o
Wifi (Via Usb Dongle)	o	o	o	o	o	o
Html5 Support (By Youtube Lb4 2014)	o	o	o	o	o	o
4K Support (By Youtube Vp9 2015)	o	o	o	o	o	o
Dlna 1.5 & 2.1	o	o	o	o	o	o
Mhl Via Hdmi (Mobile Hd Link)	-	-	-	-	-	-
Bluetooth	o	o	o	o	o	o
Portal Support	o	o	o	o	o	o
Wifi (Internal)	o	o	o	o	o	o
Open Internet	o	o	o	o	o	o
Bbc Iplayer, News, Sports, Crb	o	o	o	o	o	o
Netflix	o	o	o	o	o	o
Netflix 4K	o	o	o	o	o	o
Wireless Display	o	o	o	o	o	o
Additional Features						
Usb Cloning	o	o	o	o	o	o
Feature Osd	o	o	o	o	o	o
E-Ib	o	o	o	o	o	o
Digital (Dvb)						
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Gallegan, Luxembourgish, Montenegrin, Flemish					
Epg Timeline Schedule	●	●	●	●	●	●
Common Interface (Pcmcia Slot For Pay Channels)	●	●	●	●	●	●
Communication						
Cec(Connected Equipment Features Via Hdmi)	o	o	o	o	o	o
Operation						
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Certificates						
Weee & Rohs Compliant	●	●	●	●	●	●

NOTE

Composite Video In is supported via BACK YPbPr INPUT
 If there is a RJ12 request, then USB3 cannot be supported
 No Internal 4K video support via Emmc

● Default o Optional - N/A

LCD TV SPECIFICATIONS	MB300
Main Features	
Full Hd	-
Ultra Hd	●
Dvb-T/C Mpeg2	●
Dvb-S Mpeg2	o
Dvb-T/T2/C Mpeg4	●
Dvb-S/S2 Mpeg4	o
Hevc (H.265)	●
Isdb-Tb	-
Media Player	●
Pvr Ready (Usb Record)	o
Reception & Tuning Systems	
Tuner Vhf/Uhf/Cable	●
Aps / Ats (Auto Search)	●
Pal Secam B/G D/K I/I' (Tri Standart)	●
Ntsc	-
Dual Tuner	-
Sound	
Ger(D) + Nicam Stereo	●
Dolby Digital Plus (Dd+)	●
Dts Trusurround	●
Dts 2.0+ Digital Out	-
Dts Hd	-
Surround Sound	-
Audio Output Power(Rms)	2x10W
Subwoofer Audio Output Max Power (Rms)	12W
Connectors	
Rf: Tv/Catv 75 Ohms Coaxial	●
Scart (Euroconnector)	1
Svhs Via Scart	-
Rgb Via Scart2	-
Composite Video/Audio In	via Back YPbPr
Composite Video Out	-
Audio Line Out	-
Audio Line Out Via Headphone	●
S-Vhs In (S-Video 4-Pin Din)	-
Ypbpr (Component) In	●
Ypbpr In Via Vga	-
Vga (Pc In: D-Sub15)	●
Pc Audio In	via YPbPr
Hdmi 2.0	4
Hdcp (1.2/ 2.0 / 2.2)	2.2
Digital Audio Output (Coaxial/Optic)	OPTIC
Headphone Out (Main Volume Control)	●
Headphone Out (Headphone Vol.control Support Dual Channels)	-

LCD TV SPECIFICATIONS	MB300
Connectors	
Subwoofer Line Out(Passive)	●
Internal Subwoofer	o
Usb (3.0/2.0)	1/2
Lan-Ethernet (IEEE 802.3) RJ45	●
Smart Port-Interactive Ready Hotel Tv App.rj12	-
Rs232 (In/Out) (D-Sub 9)	via SCART
Connectivity Features	
Hbbtv (1.5)	o
Freeview Play	-
Wifi (Via Usb Dongle)	-
Html5 Support (By Youtube Lb4 2014)	●
4K Support (By Youtube Vp9 2015)	●
Dlna 1.5	●
Dlna 2.1	-
Mhl Via Hdmi (Mobile Hd Link)	-
Bluetooth	●
Portal Support	-
Wifi (Internal)	●
Open Internet	-
Bbc Iplayer, News, Sports, Crb	o
Netflix	o
Netflix 4K	o
Wireless Display	-
Additional Features	
Usb Cloning	-
Feature Osd	-
E-ib	-
Digital (Dvb)	
Epg (Electronic Program Guide)	●
Epg Now And Next	-
Epg Timeline Schedule	●
Common Interface (Pcmcia Slot For Pay Channels)	●
Communication	
Cec(Connected Equipment Features Via Hdmi)	●
Operation	
Power Supply	220-240V AC
Stand-By Power	<0.5W
Certificates	
Weeee & Rohs Compliant	●

● Default o Optional - N/A

SPECIFICATIONS

LCD TV SPECIFICATIONS	40"	43"	48"	49"	55"	65"
	MB130	MB130	MB130	MB130	MB130	MB130
Main Features						
Full Hd	-	-	-	-	-	-
Ultra Hd	●	●	●	●	●	●
Dvb-T/C Mpeg2	●	●	●	●	●	●
Dvb-T/T2/C Mpeg4	●	●	●	●	●	●
Dvb-S/S2 Mpeg4	o	o	o	o	o	o
Hvc (H.265)	●	●	●	●	●	●
Isdb-Tb	-	-	-	-	-	-
Tv-Dvd Player Combi	-	-	-	-	-	-
Media Player	●	●	●	●	●	●
Pvr Ready (Usb Record)	o	o	o	o	o	o
Hdmi (1.1/1.2/1.3/1.4/2.0)	2.0	2.0	2.0	2.0	2.0	2.0
Reception & Tuning Systems	-	-	-	-	-	-
Tuner Vhf/Uhf/Cable	●	●	●	●	●	●
Pal Secam B/G D/K I/I' (Tri Standart)	●	●	●	●	●	●
Ntsc	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-
Sound						
Ger(D) + Nicam Stereo	●	●	●	●	●	●
Dolby Digital Plus (Dd+)	o	o	o	o	o	o
Dts Trusurround	o	o	o	o	o	o
Dts 2.0+ Digital Out	-	-	-	-	-	-
Dts Hd	o	o	o	o	o	o
Audio Output Power(Rms)	2x8W	2x8W	2x10W	2x10W	2x10W	2x12W
Subwoofer Audio Output Max Power (Rms)	-	-	-	-	-	-
Connectors						
Rf: Tv/Catv 75 Ohms Coaxial	●	●	●	●	●	●
Scart (Euroconnector)	1	1	1	1	1	1
Composite Video/Audio In	side	side	side	side	side	side
Audio Line Out Via Headphone	●	●	●	●	●	●
Ypbpr (Component) In	-	-	-	-	-	-
Ypbpr In Via Vga	●	●	●	●	●	●
Vga (Pc In: D-Sub15)	●	●	●	●	●	●
Pc Audio In	via SideAV	via SideAV	via SideAV	via SideAV	via SideAV	via SideAV
Hdmi (Default/Optional)	2/1	2/1	2/1	2/1	2/1	2/1
Hdcp (1.2/ 2.0 / 2.2)	2.2	2.2	2.2	2.2	2.2	2.2
Digital Audio Output (Coaxial)	-	-	-	-	-	-
Digital Audio Output (Optic)	●	●	●	●	●	●
Headphone Out (Main Volume Control)	o	o	o	o	o	o
Subwoofer Line Out(Passive)	-	-	-	-	-	-
Internal Subwoofer	-	-	-	-	-	-
Usb1 (2.0)	●	●	●	●	●	●
Lan-Ethernet (IEEE 802.3) RJ45 (For Return Channel-Uk Market)	o	o	o	o	o	o
Rs232 (In/Out) (D-Sub 9)	-	-	-	-	-	-
Additional Features						
Usb Cloning	o	o	o	o	o	o
Feature Osd	o	o	o	o	o	o
E-ib	-	-	-	-	-	-
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Gallegan, Luxembourgish, Montenegrin, Flemish					
Epg Timeline Schedule	●	●	●	●	●	●
Common Interface (Pcmcia Slot For Pay Channels)	●	●	●	●	●	●
Communication						
Cec(Connected Equipment Features Via Hdmi)	o	o	o	o	o	o
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Certificates						
Weee & Rohscompliant	●	●	●	●	●	●

● Default o Optional - N/A

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