

19 inch waterproof TV



Silver mirror

Pearl White

Black mirror

Black border



Package Dimension:635 x160 x450mm
Gross Weight:8kg



Remote control x 1



Power adapter x 1

DVB

digital

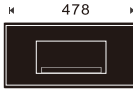
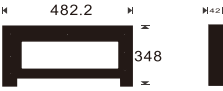
Freeview

HDMI

Full HD

CAPES 4

IP65

Key features		Android SYSTEM	Analog signal impedance		75Ω
Screen size	19"	CPU: ARM Cortex A53 Four Core	AV cable input	USB Move memory input	
Active area	408/418 (H) *255/262(V)	Frequency: 1.4GHz	HDMI cable input	RF cable input	
Brightness	250-350CD/M2	GPU: Multi-core Mali -470MP2			
Viewing angle	175 (H) /175(V)	Memory: 4 GB/8GB storage space	Stand-alone version		
Resolution	1440*900	Flash Memory: 1G	DC In x1 RJ45 in x1	USB in x1	
Contrast	1000:1	Wifi: 2.4-2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP	AV in x1 MINI YPBPR x1	HDMI in x2	
Temperature range		System: Android 7.1	RF in x1 RS232 in x1	EARPHONE out x1	
Operating temperature		OSD Language: (English,French,Spanish,Portuguese ,Russian,Arabic) (Option)			
Standby temperature					
Humidity range		Other			
Operating humidity		Speaker	3W x2		
Standby humidity		Language	English		
System		Power consumption	≤25W . Standby<0. 5W		
Video system		Power supply	DC12V 4A		
PAL, SECAM, DTMB (option)					
Audio system		BG, DK, I, L/L' (option)			
Dimensions					Installation
					Embedded installation size
					
					Width : 483mm Height : 348mm Depth : 42mm
					

22 inch waterproof TV



Silver mirror

Pearl White

Black mirror

Black border



Package Dimension: 674x150 x 478 mm
Gross Weight:11kg



Remote control x 1



Power adapter x 1

DVB

digital

Freeview

HDMI

Full HD

CAPES 4

IP65

Key features		Android SYSTEM		Analog signal impedance		75Ω
Screen size	21.5"	CPU:	ARM Cortex A53 Four Core		AV cable input	USB Move memory input
Active area	497 (H) *292(V)	Frequency:	1.4GHz		HDMI cable input	RF cable input
Brightness	250-350CD/M2	GPU:	Multi-core Mali -470MP2			
Viewing angle	178 (H) /178(V)	Memory:	4 GB/8GB storage space			
Resolution	1920*1080	Flash Memory:	1G		Stand-alone version	
Contrast	1000:1	Wifi:	2.4-2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP		DC in x1 Rj45 in x1	USB in x1
		System:	Android 7.1		AV in x1 MINI YPBPR x1	HDMI in x2
		OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)		RF in x1 Rs232 in x1	EARPHONE out x1
Temperature range		Other				
Operating temperature	-10~65℃	Speaker	3W x2			
Standby temperature	-10~75℃	Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)			
Humidity range		Power consumption	≤36W , Standby<0.5W			
Operating humidity	15~100%	Power supply	DC12V 4A			
Standby humidity	15~100%					
System						
Video system	PAL, SECAM, DTMB					
Audio system						
	BG, DK, I, L/L' (option)					
Dimensions						
						
						
						
Installation						
Embedded installation size						
Width : 530mm Height : 350mm Depth : 42mm						

24 inch waterproof TV



Silver mirror

Pearl White

Black mirror

Black border



Package Dimension:775 x180 x540mm
Gross Weight:12kg



Remote control x 1



Power adapter x 1

DVB

digital

Freeview

HDMI

Full HD

CAPES 4

IP65

Key features		Android SYSTEM		Analog signal impedance		75Ω	
Screen size	23.6"	CPU:	ARM Cortex A53 Four Core		AV cable input	USB Move memory input	
Active area	522 (H) *293(V)	Frequency:	1.4GHz		HDMI cable input	RF cable input	
Brightness	250~350CD/M2	GPU:	Multi-core Mali -470MP2				
Viewing angle	175 (H) /175(V)	Memory:	4 GB/8GB storage space		Stand-alone version		
Resolution	1920*1080	Flash Memory:	1G		DC in x1 Rj45 in x1	USB in x1	
Contrast	1000:1	Wifi:	2.4~2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP		AV in x1 MINI YPBPR x1	HDMI in x2	
Temperature range		System:	Android 7.1		RF in x1 Rs232 in x1	EARPHONE out x1	
		OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)				
Operating temperature		-10~65℃					
Standby temperature		-10~75℃					
Humidity range							
Operating humidity		15~100%					
Standby humidity		15~100%					
System							
Video system		PAL, SECAM, DVB-T/T2 ISDB-T,ATSC (option)					
Audio system		BG, DK, I, L/L' (option)					

27 inch waterproof TV



Silver mirror

Pearl White

Black mirror

Black border



Package Dimension: 820x170 x 597 mm
Gross Weight:15kg



Remote control x 1



Power adapter x 1

DVB

digital

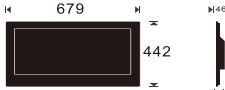
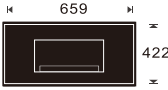
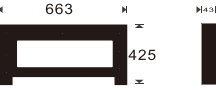
Freeview

HDMI

Full HD

CAPES 4

IP65

Key features		Android SYSTEM		Analog signal impedance		75Ω	
Screen size	27"	CPU:	ARM Cortex A53 Four Core		AV cable input	USB Move memory input	
Active area	497 (H) *292(V)	Frequency:	1.4GHz		HDMI cable input	RF cable input	
Brightness	250-350CD/M2	GPU:	Multi-core Mali -470MP2				
Viewing angle	178 (H) /178(V)	Memory:	4 GB/8GB storage space				
Resolution	1920*1080	Flash Memory:	1G		Stand-alone version		
Contrast	1000:1	Wifi:	2.4-2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP		DC in x1 Rj45 in x1	USB in x1	x2
		System:	Android 7.1		AV in x1 MINI YPBPR x1	HDMI in x2	x1
		OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)		RF in x1 Rs232 in x1	EARPHONE out x1	
Temperature range		Other					
Operating temperature	-10~65℃	Speaker	3W x2				
Standby temperature	-10~75℃	Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)				
Humidity range		Power consumption	≤42W , Standby<0.5W				
Operating humidity	15~100%	Power supply	DC12V 4A				
Standby humidity	15~100%						
System							
Video system	PAL, SECAM, DVB-T/T2 ISDB-T,ATSC (option)						
Audio system	BG, DK, I, L/L' (option)						
Dimensions					Installation		
					Embedded installation size		
							
							
					Width : 663mm Height : 426mm Depth : 43mm		

32inch waterproof TV



银色镜面 / Silver mirror

珍珠瓷白 / Pearl White

黑色镜面 / Black mirror

黑色边框 / Black border



Package Dimension: 580x180 x 800 mm
Gross Weight: 2.7kg



Remote control x 1



Power adapter x 1

DVB

Full HD

digital

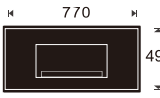
IP65

Freeview

MP4

HDMI

1080P

Key features		Android SYSTEM		Analog signal impedance		75Ω
Screen size	32"	CPU:	ARM Cortex A53 Four Core	AV cable input	USB Move memory input	
Active area	698 (H) *392.8(V)	Frequency:	1.4GHz	HDMI cable input	RF cable input	
Brightness	350~450CD/M2	GPU:	Multi-core Mali -470MP2			
Viewing angle	178 (H) /178(V)	Memory:	4 GB/8GB storage space	Stand-alone version		
Resolution	1920*1080	Flash Memory:	1G	DC in x1 R45 in	x1 USB in	x1
Contrast	1400:1	Wifi:	2.4~2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP	AV in x1 MINI YPBPR x1	HDMI in	x2
Temperature range		System:	Android 7.1	RF in x1 Rs232 in	x1 EARPONE out	x1
Operating temperature	-10~65℃	OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)			
Standby temperature	-10~75℃	Other				
Humidity range		Speaker	3W x2			
Operating humidity	15~100%	Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)			
Standby humidity	15~100%	Power consumption	≤70W , Standby<0.5W			
System		Power supply	DC24V 6A			
Video system	PAL, SECAM, DVB-T/T2 ISDB-T,ATSC (option)					
Audio system	BG, DK, I, L/L` (option)					
Dimensions		Installation		Embedded installation size		
				Width : 775mm Height: 495mm Depth : 50mm		

42 inch waterproof TV



Silver mirror

Pearl White

Black mirror

Black border



Package Dimension:1100 x195 x755mm
Gross Weight:42kg



Remote control x 1



Power adapter x 1

DVB

Full HD

digital

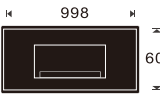
IP65

Freeview

MP4

HDMI

1080P

Key features		Android SYSTEM		Analog signal impedance		75Ω
Screen size	42"	CPU:	ARM Cortex A53 Four Core	AV cable input	USB Move memory input	
Active area	930 (H) *523(V)	Frequency:	1.4GHz	HDMI cable input	RF cable input	
Brightness	350~500CD/M2	GPU:	Multi-core Mali -470MP2			
Viewing angle	178 (H) /178(V)	Memory:	4 GB/8GB storage space	Stand-alone version		
Resolution	1920*1080	Flash Memory:	1G	DC in x1 R45 in	x1 USB in	x1
Contrast	1400:1	Wifi:	2.4~2.5GHZ,IEEE 802.11b/g/n, 10/100M auto-identification and DHCP	AV in x1 MINI YPBPR x1	HDMI in	x2
Temperature range		System:	Android 7.1	RF in x1 Rs232 in	x1 EARPONE out	x1
Operating temperature	-10~65℃	OSD Language:	(English,French,Spanish,Portuguese ,Russian,Arabic) (Option)			
Standby temperature	-10~75℃	Other				
Humidity range		Speaker	3W x2			
Operating humidity	15~100%	Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)			
Standby humidity	15~100%	Power consumption	≤100W ,Standby<0.5W			
System		Power supply	DC24V 6A			
Video system	PAL, SECAM, DVB-T/T2 ISDB-T,ATSC (option)					
Audio system	BG, DK, I, L/L` (option)					
Dimensions		Installation		Embedded installation size		
				Width : 988mm Height : 607mm Depth : 52mm		

WATERPROOF TV
INSTALLATION METHOD

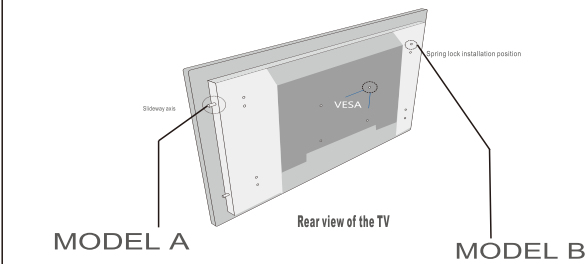
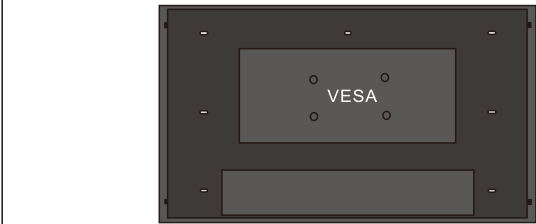
1. In the wall planning and installation location reserved for installing TV grooves;

2. The required TV cable lock pre-installed in the groove;

3. The television embedded stent installed in the groove, and the use of screws;

4. Connect all the TV cable and power and debug the TV;

5. Put the TV into the TV embedded bracket.

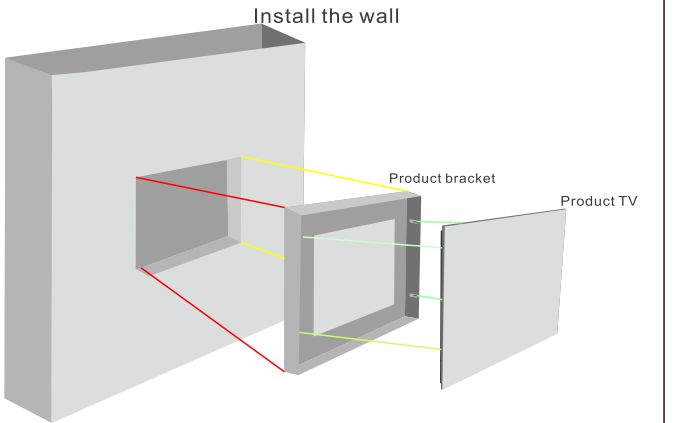
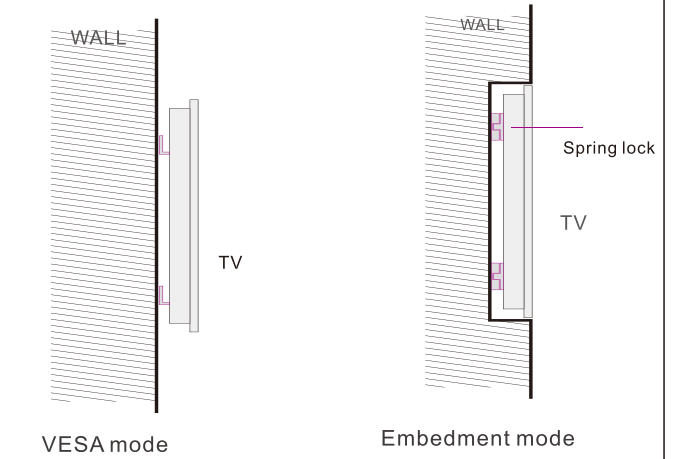


- a. First plan the installation location according to the product parameters reserved groove

b. Second, the need to use the power cord and data cable reserved groove, easy to connect the TV

c. The third TV embedded stent placed in the groove, and use screws to fix the bracket

d. Finally, connect the data cable and the power cable to the TV interface, conduct the TV test, and then hang the TV in the bracket



	(电源管理)	0.5W (待机功耗)	
VIDEO INPUT (视频输入)	TV (analog)	VIDEO SYSTEM (视频制式)	PAL/SECAM/NTSC
		SOUND SYSTEM (声音制式)	BG ,DK ,I, M,N
		RECEIVE CHANNEL (可接收频道)	ATV:200
	ISDB-T	MODULATION (调制)	16QAM,64QAM,QPSK,DQPSK Bandwidth:6Mhz;
		VIDEO SYSTEM (视频制式)	MPEG-2 MP@ML,H.264
		AUDIO SYSTEM (音频制式)	AAC , HE-AAC
		RECEIVE CHANNEL (可接收频道)	DTV:500
	DVB-C	MODULATION (调制)	16QAM,32QAM,64QAM,128QAM,256QAM
		VIDEO SYSTEM (视频制式)	MPEG-2MP@ML,MPEG-2 MP@HL,H.264

		AUDIO SYSTEM (音频制式)	MPEG-1,MPEG-2(Layer I / II)
		RECEIVE CHANNEL (可接收频道)	DTV:500
	ATSC	MODULATION (调制)	Air:8-VSB;Cable:64QAM,256QAM
		VIDEO SYSTEM (视频制式)	MPEG-2 MP@ML
		AUDIO SYSTEM (音频制式)	AC-3,MPEG1/2 Layer I and II
		RECEIVE CHANNEL (可接收频道)	Air:2-69;Cable:1-135
	DVB-T2	MODULATION (调制)	Compliant with EN302755V1.3.1
			COFDM: 1K to 32k; code rate:1/3,2/5;
			QPSK:16QAM, 64QAM,256QAM
			Bandwidth:6,7,8Mhz ; Guard Interval:1/128--1/4;

			Code rate:1/2,3/5,2/ 3,3/4,4/5,5/6 SPP: PP1 to PP8
		VIDEO SYSTEM (视频制式)	MPEG-2 MP@ML,H.264/H.2 65
		AUDIO SYSTEM (音频制式)	AC-3,MPEG1/2 Layer I and II
		RECEIVE CHANNEL (可接收频道)	DTV:500
	CVBS	1.0Vp-p +/-5%	
	YPbPr / YCbCr	480i、480p、576i、576p、720p、1080i、 1080p	
	HDMI	480i、480p、576i、576p、720p、1080i、 1080p	
AUDIO INPUT (音频输入)	Audio System	DD/DD+(Option & need license)	
	AV Audio Input	2 RCA terminal white color, red color	
NETWORK INPUT (网络输入)	RJ45	10/100M, DHCP	
	WIFI	802.11 b/g/n	
	Blue Tooth	Bluetooth v2.1 +EDR,v3.0,and v4.0+BLE (option)	

AUDIO OUTPUT (音频输出)	Speaker	Option1: 2*3W@ 4Ω (Supply Voltage:12V, Audio input:0.5Vrms)
		Option2: 2*5W@ 8Ω (Supply Voltage:12V, Audio input:0.5Vrms)
		Option3: 2*8W@ 8Ω (Supply Voltage:12V, Audio input:0.5Vrms)
WEAK SIGNAL ENHANCEMENT (弱信号增强)	YES	
NOISE REDUCTION (降噪)	3D	
A2,NICAM(Optional), TELETEXT(Optional)	YES	
COMB FILTER (梳状滤波功能)	3D	
DE-INTERLACE (解交织功能)	3D	
EXPANSION FUNCTION (扩展功能)	WIFI	
Terminal(input)	TV Input	1 F TAPE 75 Ω (1 F TAPE 型高频头)

	HDMI Input	2×HDMI terminal (2个HDMI端子)
	USB Input	2×USB2.0
	YPbPr Input	1 Mini@3.5MM black type socket (1Mini3.5mm 黑色端口)
	AV Input	1 RCA terminal yellow color, white color, red color (1 RCA 端子, 黄色, 白色, 红色)
	RJ45	1 RJ45 terminal (1RJ45 端口)
Terminal (output)	To Panel	Double 8 bit LVDS 30PIN/2.0 jack (双8位 LVDS 30PIN/2.0)
	Digital audio output	1 Coaxial terminal (1路同轴)
	Earphone Out	1 Earphone terminal black color (1 耳机端子, 黑色)

USB MULTIMEDIA PLAYBACK FORMAT (USB 多媒体支持格式)

1. Video Decoder Support List (for UHD)						
P/N	Video Decoder	Resolution	Max fps	Max bitrate (Mbps)	Bit depth	支持
DivX	Divx 3.11	1920x1080	60	20M	8	X
	Divx 4.x	1920x1080	60	20M	8	X
	Divx 5.1	1920x1080	60	50M	8	X
	Divx 6	1920x1080	60	50M	8	X

MPEG 1/2/4	MPEG1	1920x1080	60	50M	8	V
	MPEG2 MP@HL	1920x1080	60	100M	8	V
	MPEG-4 SP@HL 3.0	1920x1080	60	100M	8	V
	MPEG-4 ASP@HL 4.0	1920x1080	60	100M	8	V
Xvid	XviD	1920x1080	60	50M	8	V
H.264	H.264 BP LV 4.0	1920x1080	30	50M	8	V
	H.264 MP LV 4.0	2048x1080	60	160M	8	V
	H.264 HP LV 4.0	2048x1080	60	160M	8	V
	H.264 MP LV 5.1	4096x2160	30	250M	8	V
	H.264 HP LV 5.1	4096x2160	30	250M	8	V
H.265	H.265 Main profile @ Level 4.1	2048x1080	60	160M	8	V
	H.265 Main10 profile @ Level 4.1	2048x1080	60	160M	8/9/10	V
	H.265 Main profile @ Level 5.0	4096x2160	30	250M	8	V
	H.265 Main10 profile @ Level	4096x2160	30	250M	8/9/10	V

	5.0					
Generic	Motion JPEG	1920x1080	60	60M	8	V
WMV	Window Media Video v9	1920x1080	60	100M	8	V
VC1	VC-1 (SP/MP/AP)	1920x1080	60	100M	8	V
VP8	VP8	1920x1080	60	20M	8	V
VP9	VP9	4096x2160	60	40M	8/10	V
RM	RV 8 (rv30)	1920x1080	60	20M	8	V
	RV 9 (rv40)	1920x1080	60	50M	8	V
	RV 10 (rv40)	1920x1080	60	50M	8	V
AVS	AVS Jizhun Profile LV 6.0	1920x1080	60	50M	8	V
	AVS Plus	1920x1080	60	50M	8	V
Sorenson	Sorenson H.263	1920x1080	30	20M	8	V
Motion JPEG	M-JPEG	1920x1080	60	60M	8	V
H.263	H.263 V_MS/FW/FOU RCC/H263	1920x1080	60	20M	8	V

2. Audio Decoder list

PN	Audio Decoder (For MM Video)	支持
PCM	wav: PCM / ADPCM / A-law PCM / u-law PCM	Yes
	ADPCM IMA4	Yes

AMR	AMR-NB, AMR-WB/AMR-WB+	Yes
LPCM	DVD LPCM	Yes
RA	cook: COOK (RealAudio6)	Yes
MPEG 1/2/4	MPEG1 Layer1/2	Yes
	MPEG1 Layer1/2 (MPEG2)	Yes
	MP3 (MPEG1 Layer3)	Yes
AAC	MPEG2 AAC (AAC-LC)	Yes
	MPEG4 AAC-LC	Yes
	MPEG4 HE-AAC v1/v2	Yes
	raac: MPEG4 AAC-LC (RealAudio9)	Yes
	racp: MPEG4 HE-AAC v2 (RealAudio10)	Yes
WMA	WMA v7	Yes
	WMA v8	Yes
	WMA v9	Yes
	WMA Pro	No
Dolby AC3 (DD)	AC3	Yes
	Dolby Digital EX, Dolby Digital Plus, Dolby TrueHD	Yes
	dnet: AC3 (RealAudio3)	Yes
Dolby EAC3 (DDCO)	Dolby Digital Plus	Yes
	Dolby Digital Plus, Dolby lossless	Yes
Dolby MS11	No-HEAAC	Yes
	recommand to apply MS12 config-D 's No-HEAAC	Yes
Dolby MS12	Config-D	Yes
	Config-LC	Yes

Dolby ATMOS	Ver-2.0	No
DTS	DTS	Yes
	M6	Yes
	DTS, DTS HD	Yes
	DTS, DTS HD, DTS HD LBR	Yes
	Virtual-X	Yes
DRA	DRA	Yes
FLAC	FLAC	Yes
	FLAC (96hz)	Yes
VORBIS	VORBIS	Yes

3. Image Decoder

File Extension	Container	Data Type	支持
*.jpg	JPEG	baseline	Yes
		progressive	Yes
*.bmp	BMP		Yes
*.png	PNG		Yes
*.gif	GIF	static	Yes
		animation	Yes
.mpo	MPO	3d	Yes
.jps	JPEG	3d baseline	Yes
.pns	PNG	3d	Yes