

DISPLAY DEVICE	
Panel	LED
Size	40"
Max. Resolution	1366×768
Display Colors	16.7 M
Contrast Ratio	3000:1
Aspect ratio	16:9
View Angle	176(H)/176(V)
Brightness	200 cd/m <sup>2</sup> (+/-10%)
Life Time	30,000 Hrs

ATV System	
Tuner receiving range	48.25MHz - 863.25MHz
Input impedance	75Ω
Video System	PAL, SECAM,
Sound System	BG, DK, I; NICAM/A2
Max. Channels	100 CH
Teletext	1000 pages

DTV System	
Tuner receiving range VHF	174-230MHz
Tuner receiving range UHF	474-862MHz
Input impedance	75Ω
Channel bandwidth	7MHz/8MHz
Modulation	DVB-T: COFDM 2K/8K QPSK, 16QAM,64QAM DVB-C: 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Video System	MPEG-2 MP@HL, MPEG-2 MP@HL H.264
Sound System	MPEG-1 Layer 1/2, MPEG-2 Layer 2, DD, DD+
Basic functions	EPG, Subtitle, Teletext

DVB-S2 System	
Frequency Range	950 MHz to 2150 MHz
LNB Power	13V/18V/ OFF, I <sub>max</sub> = 400mA
LNB Tone Switch	22KHz±2KHz, 0.6Vpp±0.2V
DiSEqC Control Version	DiSEqC 1.0/1.1, Tone burst A/B

AV	
Color system	PAL/NTSC/SECAM
Video	1 Vp-p@75ohm
Audio	500mVrms

YPbPr	
Video	Y: 1 Vp-p@75ohm, PbPr:0.7Vp-p@75ohm
Audio	500mVrms
Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p

HDMI	
Video	Standard TMDS
Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p

Audio Output	
Frequency response	100Hz~15KHz @+/-3db(1KHz 0dBreference signal)
CLASS D	2×8W @ 8ohm THD£ 10%

SCART	
Video	CVBS&RGB input, CVBS output
Video level	RGB 0.7Vp-p@75ohm CVBS 1Vp-p@75ohm
Audio level	500mVrms

Features	
Noise Reduction	YES
Nicam/A2	YES
Teletext	YES
EPG Function	YES
Program control(Lock)	YES
Easy setting for TV and Country	YES
Full-function remote control	YES
Built-in speakers	YES
H.264/265	YES
HDMI	YES

Input Terminals	
RF	×1
HDMI 2.0	×2
HDMI 1.4	×1
PC-RGB (VGA)	×1
PC AUDIO	×1
SCART	×1
Component (YPbPr)	×1 (Mini Terminal)
CI+	×1
AV (Video)	×1 (Mini Terminal)
USB (TV)	×2

Output Terminals	
Coaxial	×1
Earphone	×1

Power Supply	
Power Input	AC 100-240V, 50/60Hz
Power Consumption	<80W
Power Saving	<0.5W

USB MULTIMEDIA PLAYBACK FORMAT (TV)	Video Decoder	Audio Decoder	
Movie	.avi	MJPEG	MP3, WMA, AAC, PCM
		Xvid, MPEG-4, H.264, WMA9/VC1	
	.mp4 / .mpeg4	MPEG-2, MPEG-4, H.264, Xvid, MJPEG	MP3, AAC, PCM
	.ts/trp	MPEG-1, MPEG-2, H.264, VC-1	MP1/MP2/MP3, AAC
	.mpg / .mpeg	MPEG-1, MPEG-2	MP1/MP2/MP3, AAC, PCM
	.mkv	MPEG-2/4, H.264, Xvid, RV30, VC-1	MP3, AAC, PCM, COOK
	.mov	MPEG-4, H.264, MJPEG	MP3, AAC, PCM, AMRNB
	.dat	MPEG-1	MP1
Music	.vob	MPEG-2	MP1/MP2/MP3, PCM
	.rm/.rmvb	RV30, RV40	AAC, COOK
	.mp3 .wma .m4a / .aac	N/A	MP3 PCM AAC
Photo	.jpg/.jpeg	Progressive JPEG Baseline JPEG	
	.bmp	BMP	
	.png	Non-Interlaced Interlaced	
Text	.txt	ANSI/UNICODE GB/UTF8	