



**A. Tuner & Demodulator**

Input Frequency Range	950MHz to 2150 MHz
RF Input Signal Level	-25 to -65dBm
RF Impedance	7552
IF Bandwidth	55MHz/8MHz (Under 5Msps)
LNB power	13/18DC, 14/19V+/-5 &, 0.5Amax, 0.8Apeak overload protected
LNB Tone Switch	22kHz+/-2kHz, 0.6Vpp+/-0.2V
DiSEqC Control	Version 1.2, Tone burst A/B
Demodulation	QPSK
Symbol Rate	1-45Msps/SCpC, MCPC

**B. MPEG**

Transport Stream	MPEG-2 ISO/IEC13818 Transport Stream Specification
Input Rate	Max.15Mbit/s
Video	MPEG-2 MP@ML
Audio	MPEG-1/2 Audio Layer L2
Aspect Ratio	4:3,16:9
Video Resolution	720x576(PAL), 720x480(NTSC)
Audio Mode	Stereo, Dual channel, joint stereo, Mono
Audio Sampling Frequency	32/44.1/48kHz

**C. Connector**

LNB IF input	F type, IEC 169-24 Female
LNB IF Loop-through Output	F type, IEC 169-24 Female
TV SCART	RGB, CVBS, L, R OUT
VCR SCART	CVBS L, R OUT AUDIO L, R
Serial Port	RS232C D-sub male type
S/P DIF	Fiber-Optic connection (Digital Audio Output)

**D. RF-modulator**

RF-Connector	75ohm IEC169-2, Male/Female
Frequency	470MHz to 860MHz
Output Channel	CH 21-69 for the Demodulator
TV Standard	PAL B/G/I/D/K Selectable in Menus

**E. Power Supply**

Input Voltage	90-260VAC(SMPS)
Power Consumption	Max. 30W
Weight	Appr.1.5KG
Operating Temperature	0°C-40°C
Storage Temperature	-40°C-65°C

**F. PCMCIA (Except FTA)**

Number of Slots	2
Type	I,II DVB Common Interface Standard

**G. Embedded Cam**

Encryption	Irdeto
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Unrivalled tuner sensitivity in the GbSat™ range gives you access to channels that others would struggle to see.

USALS™ integration allows you to install a complete system with ease. All GbSat™ receivers come pre-installed with Satellite positions and channels – so you can start watching as soon as the dish is aligned.

The card slot for the embedded Irdeto™ cam makes this receiver a cost-effective solution for satellite viewers wanting the ability to decrypt more than two encryption standards at a time.

Two Common Interface slots tested working with Aston™, Betacrypt™, Conax™, Cryptoworks™, Irdeto™, Nagravision™ and Viaccess™ CAMs.

4,000 channel capacity, available in Slate Black or Silver.

