

7 Technical Specification

SMART CARD

PCMCIA	Smart card
	DVB smart card(Interface standard)

VIDEO

Decoding	MPEG-2 & MPEG-1 compatible
Bit rate	Max 15Mbps
Output	PAL/NTSC
Aspect ratio	4:3, 16:9, Auto
Active pixel	720x480 @ 30fps; 720x576 @ 25fps
Output connector	RCA, 1 TV SCART

AUDIO

Decoding	MPEG-2/MPEG-1 layer I & II
Mode	Mono, Dual, Stereo, Joint stereo
Bit rate	Max 384Kbps

DEMODULATOR

Demodulation	QPSK
Symbol rate	SCPC/MCPC
Outer code	RS (204, 188, 8)
Inner code	ALL DVB rates
Energy dispersion	DVB-S recommendation

INPUT SIGNAL

Frequency	550MHz ~ 150MHz
Input level	-65dBm ~ -25dBm
Channel bandwidth	36MHz
Input locked	F-type connector

RF MODULATOR

Input	IEC 169-24 Male x 1
Output	IEC 169-24 Female x 1
Band	UHF
TV Standard	PAL BG/I/DK, NTSC M
Output Channel	21~69(PAL), 14~83(NTSC)

LNB CONTROL

Power supply	13/18V (500mA max) with short circuit protection
Polarized control	13/18V polarization (vertical/horizontal)
DiSEqC control	DiSEqC1.0, DiSEqC1.1 and DiSEqC1.2

MISCELLANEOUS

Supply voltage	100~240VAC 50/60Hz
Power consumption	30 watts max
Operation temperature	+5 °C to + 40 °C
Storage temperature	-20 °C to + 70 °C
Dimension (W x D x H)	320x190x40.5 mm ³
Weight	2.0Kg

EL-3020