

COFDM - VIDEO, AUDIO TELEMETRY & I P PRODUCTS

SOLO - DIGITAL WIRELESS VIDEO SYSTEM

SOLO CENTRAL RECEIVER AND SOLO4 RECEIVER



Specification:

Input	
Dual Diversity Antenna (lid)	TNC
Optional external antennae input	TNC
AC Supply	IEC
1 1-14V Input	4 Pin XLR

Output	
Four Video	BNC
Eight Audio	Phone
Headphone	Jack Socket

RF	
Frequency Bands	2280 to 2550MHz, 1100 to 1400MHz (others on request)
Tuning Steps	250KHz

Modulation	
DVB-T bandwidth	8/7/6MHz
DVB-T Guard	1/32, 1/16, 1/8, 1/4
DVB-T FEC	1/2, 2/3, 3/4, 5/6
DVB-T Modulation	QPSK, 16QAM, 64QAM
SOLO Bandwidth	2.5MHz (1.25MHz optional)
SOLO Guard	1/16, 1/8
SOLO FEC	1/3, 2/3
SOLO Modulation	QPSK, 16QAM
Sensitivity	-95 to -105dB

Video	
Line Standard	PAL/NTSC
Resolution	704, 528, 480, 352
Coding Mode	MPEG2 (MPEG4 optional)
Delay	43ms to 120ms depending on mode
Frame Rate	Full/Half/Quarter/Eighth (selectable) Audio

Output	Line Level
Sample Rate	32KHz, 16KHz, 8KHz
Bits per Sample	12 or 8 bit

Encryption	
Format	ABS 32 bit as standard AES128/256 (optional)

Control	
Local Control	By push button control interface
On Screen Display	Spectrum, RX SNR, RX Power

Physical	
Dimension	L 420mm, W 280mm, H 180mm
Weight	Less than 8kg

Power	
AC input	110/240V
DC input	11-14V

Environment	
Temperature Range	-10 to +50 deg C

Products are available to security users only, in licensed frequency bands. These products are not approved for use by unlicensed users. Commercial products are available to unlicensed users - please contact us for details.

Product Code: SOL4CRX (2.5MHz TO MPEG4 1.25MHz UPGRADE ADD SOL4RXUP)

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