



Product Class: DARC link Video Transmission System

TRANSMITTER

Compression	JPEG and MPEG4
Compression Rate C	BR and VBR
Chrominance Profile	4:2:0
Line Standard	525 and 625
Video Bit Rates	1Mbps to 20Mbps
Latency	<100ms
Video Input	PAL or NTSC
Encryption	AES encryption, ACPO compliant
Audio	Stereo
Output Frequency	L Band (1.15GHz - 1.4GHz) S Band (2.28GHz - 2.485GHz) C Band (5.725GHz - 5.850GHz) Custom frequency bands are available upon request
Bandwidth & Resolution	Standard - 8MHz JPEG2000 - QPSK (720x576 - 4CIF) Narrow - 2MHz MPEG4 – QPSK (704x576 - 4CIF) Ultra Narrow - 1MHz H.264 - QPSK (704x576 - 4CIF)
Output Power	100mW or 1W
Modulation Type	1QPSK or 16 QAM or 64QAM
FEC	1/2 - 7/8
COFDM Carriers	2K carriers
COFDM Standard	DVB-T Proprietary
Dimensions	W 59mm x D 38mm x H 146mm (100mW)
Weight	0.39kg (100mW), 1.55kg (1W)
Power Supply	400mA @ 12vDC (100mW), 1.2A @ 12vDC (1W)
Antenna Connector	SMA
Power Connection	LEMO 2 Pin OB
Channel Selection Switch	Rotary HEX
Video Connector	BNC

RECEIVER

Sensitivity	To 105dBm
Chrominance Profile	4:2:0
Line Standard	525 and 625
Video Bit Rates	1Mbps to 20Mbps
Latency	<100ms
Video Output	PAL or NTSC
Encryption	AES encryption, ACPO compliant
Input Frequency	L Band (1.15GHz - 1.4GHz) S Band (2.28GHz - 2.485GHz) C Band (5.725GHz - 5.850GHz) Custom frequency bands are available upon request
Antenna options	Standard Omni Antenna High Gain Omni Antenna High Gain Directional Grids Yagi Antennas Mounting Kits Mobile Antenna Sets
Video Store	Digital view and record system (optional)
Dimensions	W 272mm x D 60mm x H 114mm W 130mm x D 38mm x H 175mm (1W)
Weight	1.6kg
Power Supply	600mA @12vDC
Antenna Connector	N Type (2 off Diversity)
Power Connection	LEMO 2 Pin OB
Video Connector	BNC
Audio Connectors	2x Phono

Please note: specification is subject to change as we continually develop and seek to improve performance, features and capabilities. Images are for display purposes and represent an indicative view of our products; exact model not necessarily shown.

Contact us

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