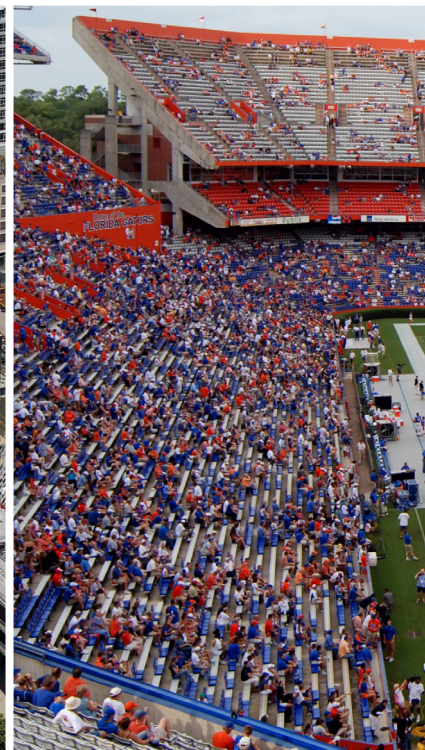


ALL-WEATHER VIDEO SERIES



RT-L2R5803 - 5.8GHz Digital OFDM All Weather Mobile Dual Diversity 450mW Video Link - Range 4,000 Feet

The industry's **perfectly mobile** wireless video system delivers Real-Time, DVD quality encrypted digital video **up to 4,000 Feet**. Featuring a revolutionary pre-configured plug-and-play design, the system does not require software, setup or programming, minimizing installation time and maximizing results. Perfect for the most extreme mobile applications including elevator surveillance, bomb disposal robots, steadicam productions and more.



ADVANTAGES

- Revolutionary pre-configured plug & play design
- Transmits Real-Time DVD quality video and stereo audio
- Lightning fast hardware based MPEG-4 encoder & decoder
- Industry leading 5 tier input power management system
- Extreme mobile performance from dual-radio diversity antenna system
- 64 Bit encrypted data stream (optional 128 Bit)
- Automatic system pairing and on screen status display
- Rugged IP-67 rated all weather protective enclosures
- OFDM digital immunity to signal interference
- Powered by a world class ViXS chipset
- FCC & IC Approved for license free use **up to 4,000 Feet**

APPLICATIONS INCLUDE

RT-L2R5803



CRANE OPERATION



BOMB DISPOSAL



ELEVATORS



AUTO RACING

SPECIFICATIONS

OPERATING FREQUENCY	Dual Diversity 5.725GHz – 5.875GHz @ 20MHz Bandwidth
FREQUENCY CONTROL	Automatic Channel Selection
PROTOCOL	802.11a
MODULATION FORMAT	OFDM (BPSK, QPSK, 16QAM, 64QAM)
SECURITY AUTHENTICATION SYSTEM	Private SSID 64 Bit Encrypted Data System (WEP) Optional 128 Bit
DATA RATE	6 mbps - 54 mbps
LATENCY	0.5 - 5 sec (Signal Dependant)
VIDEO COMPRESSION FORMAT	Hardware Based MPEG-4
FRAME RATE	30fps NTSC / 25fps PAL
RADIATED POWER	450mW
RANGE (LINE-OF-SIGHT)	Up to 4,000ft @ 15ft Elevation
ANTENNA TYPE	6 x 3dBi External Omni-Directional Rubber Duck
E PLANE BEAM WIDTH	50 Degrees
H PLANE BEAM WIDTH	360 Degrees
RECEIVER SENSITIVITY	54 mbps @ -72dBm to 6 mbps @ -90dBm
VIDEO RESOLUTION	720 x 480 NTSC / 720 x 576 PAL
VIDEO CONNECTOR	BNC Male @ 75 OHMS 1 Volt P-P
AUDIO CONNECTOR	BNC Male @ 600 OHMS 1 Volt P-P
TEMPERATURE RANGE	-40°F to +160°F
OPERATING VOLTAGE	12 – 24 Volts AC or DC
POWER SUPPLY INCLUDED	Switching 12VDC @ 2 Amps – Model # PS-122CLX
CURRENT CONSUMPTION	1000mA or 1 Amp
SURGE PROTECTION	ESD Surge / Lightning Protected up to 1,500 Watts
DIMENSIONS	7.0" x 7.0" x 4.0" Each Enclosure
MOUNTING BRACKETS	Included – Universal Wall / Pole Mount – Model # BRK-250
PACKAGED WEIGHT	5kg or 11lbs
FCC / IC / CE APPROVED	License Free - Professional Installation

KIT INCLUDES

- ALL WEATHER TRANSMITTER
- ALL WEATHER RECEIVER
- SIX RUBBER DUCK ANTENNAS
- TWO 12 VDC POWER SUPPLIES
- TWO UNIVERSAL MOUNTING BRACKETS
- ONE REMOTE CONTROL
- OWNER'S MANUAL
- ONE YEAR LIMITED WARRANTY



Take us
with you!



RT-L2R5803
Online Specs



www.VideoTransmitters.com

US Office: 1711 Cudaback Avenue, Niagara Falls, NY USA 14303

Canadian Office: 1016C Sutton Drive, Unit 6, Burlington, ON Canada L7L 6B8

Toll Free: 1.888.379.2666 Tel: 905.336.9665 Fax: 905.336.9662

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