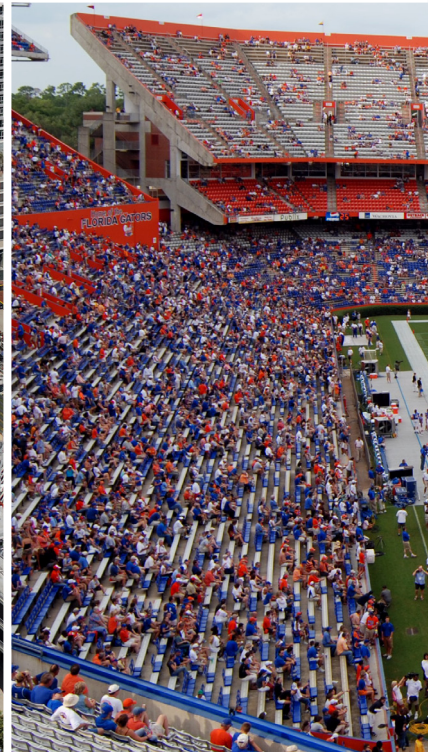


ALL-WEATHER VIDEO SERIES



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
MODULATION FORMAT	OFDM (BPSK, QPSK, 16QAM, 64QAM)
PROTOCOL	802.11a
FREQUENCY CONTROL	Automatic Channel Selection
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
VIDEO RESOLUTION	720 x 480 NTSC / 720 x 576 PAL
FRAME RATE	30fps NTSC / 25fps PAL
RADIATED POWER	450mW
RANGE & ELEVATION (LINE-OF-SIGHT)	Up to 4,000ft @ Minimum 8 Feet Elevation
RECEIVER SENSITIVITY	54 mbps @ -72dBm to 6 mbps @ -90dBm
ANTENNA TYPE	Six 3dB Omni-Directional Rubber Duck Antennas / H-Plane 360° V-Plane 50° Model # RUB-5803S
ANTENNA INPUT CONNECTOR	SMA-Female
VIDEO CONNECTOR	BNC-Male @ 75 OHMS 1 Volt P-P
AUDIO CONNECTOR	BNC-Male @ 600 OHMS 1 Volt P-P
POWER SUPPLY INCLUDED	Two Switching 12VDC Power Supplies @ 2 Amps – Model # PS-122CLX Class V CEC
OPERATING VOLTAGE	12 – 24 Volts AC or DC
CURRENT CONSUMPTION	1000mA or 1 Amp
SURGE PROTECTION	ESD Surge / Lightning Protected up to 1,500 Watts
Tx & Rx CONSTRUCTION	IP-67 Rated All-Weather Design
Tx & Rx WEIGHT & DIMENSIONS	26oz (747g) / 7.0" x 7.0" x 4.0" (178mm x 178mm x 102mm) Each Enclosure
MOUNTING BRACKETS	Universal Stainless Steel Wall / Pole Mount - Model # BRK-250
OPERATING TEMPERATURE RANGE	-40°F to +170°F (-40°C to 77°C)
FCC / IC 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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Specifications are Subject to Change Without Notice

Available from A1 Security Cameras

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