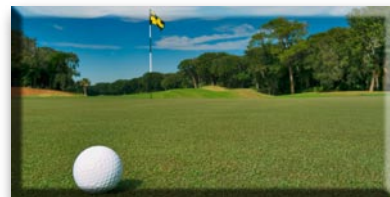


The industry's **perfect** wireless video system delivers Real-Time, DVD quality encrypted digital video **up to 50 Miles**. Featuring a revolutionary pre-configured plug-and-play design, the system does not require software, setup or programming, minimizing installation time and maximizing results. Choose this series of RT-WAVE video systems for the most extreme fixed applications including long range freeway monitoring, border control, and building-to-building video links.

APPLICATIONS



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
- ▶ 64 Bit encrypted data stream (optional 128 Bit)
- ▶ Automatic system pairing and on screen status display
- ▶ Rugged IP-67 rated all weather protective enclosure
- ▶ OFDM digital immunity to signal interference
- ▶ Includes two directional antennas, mounting brackets, and low loss microwave cable
- ▶ Powered by a world class ViXS chipset
- ▶ FCC & IC Approved for license free use **up to 50 miles**

SPECIFICATIONS

MODEL #	RT-L1R2415
OPERATING FREQUENCY	Single Radio 2.40GHz – 2.48GHz @ 10MHz Bandwidth
FREQUENCY CONTROL	Automatic Channel Selection
PROTOCOL	802.11g
MODULATION FORMAT	OFDM (BPSK, QPSK, 16QAM, 64QAM)
SECURITY AUTHENTICATION SYSTEM	Private SSID 64 Bit Encrypted Data Stream (WEP) Optional 128 Bit
DATA RATE	6 mbps - 54 mbps
LATENCY	Less than 0.5 sec
VIDEO COMPRESSION FORMAT	Hardware Based MPEG-4
FRAME RATE	30fps NTSC / 25fps PAL
RADIATED POWER	450mW
RANGE	Up to 50 Miles @ 420ft Elevation
ANTENNA TYPE	2 x 15dBi External Directional
ANTENNA DIMENSIONS	10" x 8"
ANTENNA INCLUDES	6' Low Loss Microwave Cable & Universal Mounting Brackets
E PLANE BEAM WIDTH	32 Degrees
H PLANE BEAM WIDTH	32 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 Peak-to-Peak
STEREO AUDIO CONNECTOR	BNC Male 600 OHMS @ 1 Volt Peak-to-Peak
TEMPERATURE RANGE	-40°F to +160°F
POWER SUPPLY INCLUDED	Switching 12VDC @ 2 Amps - CEC Class IV
CURRENT CONSUMPTION	0.8 Amps
OPERATING VOLTAGE	12 - 30 Volts AC or DC
SURGE PROTECTION	ESD Surge / Lightning Protected up to 1,500 Watts
ENCLOSURES	Rugged IP-67 Rated All Weather Enclosure
DIMENSIONS	7.0" x 7.0" x 4.5" Each Enclosure
MOUNTING BRACKETS	Two Universal Wall / Pole Mount - # BRK-250
PACKAGED WEIGHT	5kg or 11lbs (Antenna Weight Not Included)
FCC / IC APPROVED	License Free - Professional Installation
WARRANTY	One Year Limited Warranty

KIT INCLUDES

- ▶ ALL WEATHER TRANSMITTER
- ▶ ALL WEATHER RECEIVER
- ▶ TWO DIRECTIONAL ANTENNAS
- ▶ TWO LOW LOSS MICROWAVE CABLES
- ▶ TWO POWER SUPPLIES
- ▶ TWO UNIVERSAL MOUNTING BRACKETS
- ▶ REMOTE CONTROL
- ▶ OPERATING INSTRUCTIONS
- ▶ ONE YEAR LIMITED WARRANTY

