

RT Wave Wireless
ELEVATOR VIDEO

Nothing can escape



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RT Wave Wireless Elevator Video System

Draka Elevator Products, Inc. announces exclusive distribution of the RT-Wave Wireless Elevator Video system from VideoComm Technologies, the recognized market leader in wireless video transmission technologies. The EV-L2R5803 is the first wireless video security system designed specifically for use with elevators.

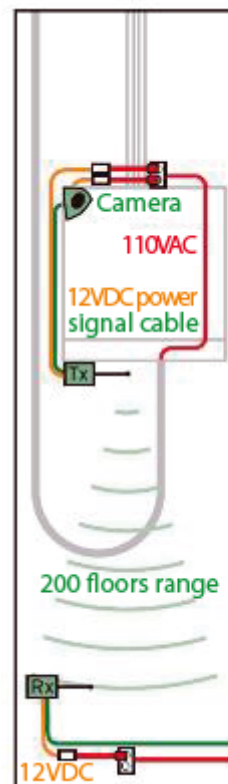
This unique product delivers real-time DVD-quality encrypted digital video up to a distance of 200 floors, far exceeding current requirements.

The EV-L2R5803 features a preconfigured 802.11a plug-and-play design and requires absolutely no software setup or programming, greatly minimizing installation time. The complete system kit includes...

- Tamper-proof Corner Mount SONY Camera (also sold separately)
- All-weather Transmitter
- All-weather Receiver
- Three Power Supplies
- Six Antennas
- Two Universal Mounting Brackets
- 25-foot video/power “Siamese” cable (also sold separately)
- Remote control
- Installation and operating instructions
- One-year warranty



The camera is mounted in any corner of the elevator cab and connected to a power source. The transmitter is mounted to the bottom of the cab* with the “Siamese” cable routed to the camera and a second power source. Finally, the receiver is mounted in the pit and connected to a power source. Coax or UTP cable – also available from Draka – can then be routed to a security monitoring area. (A hand-held monitor is recommended during installation for proper camera set-up).



The operating frequency of the system is dual radio 5.725GHz – 5.875GHz @ 20 MHz bandwidth with automatic channel selection. This means that surrounding signals will never interfere with the system and multiple systems can be installed in the same building.

Contact Draka and see just how easy wireless technology can be integrated with your elevator.

* Note that the transmitter may be mounted on top of the cab with the receiver in the overhead depending on requirements.

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Camera Specifications

CAMERA TYPE	Corner Mount 1/3" color SONY CCD
LENS TYPE	Board lens 2.8mm @ F2.0
CAMERA RESOLUTION	480 Lines
MINIMUM ILLUMINATION	0.4 Lux / F12
S/N RATIO	More than 48dB (AGC Off)
ELECTRONIC SHUTTER	1/50 ~ 1/10,000 Sec.
WHITE BALANCE	Auto
AGC	Auto
CONSTRUCTION	Vandal-Proof IP-66 Aluminum Design
CURRENT CONSUMPTION	Less than 130mA
DIMENSIONS	8" x 8" x 3"
WEIGHT	1650g or 3.6lbs



Transmitter and Receiver Specifications

OPERATING FREQUENCY	Dual Radio 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 Stream (WEP)
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 200 Floors
ANTENNA TYPE	6 x 3dBi Omni-Directional
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 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
FCC / IC APPROVED	License Free - Professional Installation

More Than Cable. Lots More.

Part Number	Description
EV-L2R5803	5.8GHz Dual Diversity Vandal-Proof Colour CCD Elevator Camera System, 2 boxes
CCD-S480EV	480-Res Vandal-Proof Colour CCD Elevator Camera
A-RG-BNC25BP	25ft Double-sided BNC-M2 3mm Power Barrel Jack