



# IP Network Camera Extender

## Model 1173

Patton's Plug-and-Play IP Network Camera Extender enables users to place their IP cameras over fifteen times farther than the standard distance of 328 feet (100 meters) over standard phone grade twisted pair

### Extends IP Video over 15 times its natural limitations

Extend high resolution IP Video up to 6,000ft over telephone grade twisted pair cabling

### Use with any Camera with an Ethernet interface

Fully compatible with any IP cameras and its managing software

### Transparent to IP Video schemes

Fully transparent to compression schemes such as WMV, MPEG-4 and MJPEG

### Flexible Installation Options

Wall or DIN mountable

### No Configuration Required

Plug-and-Play

### Ruggedized

Housed in a metal enclosure with an operating temperature of -10 to 70°C

Line Rates (AWG 24/0.5 mm)	
Downstream in Mbps	Distance in feet (meters)
4	6,000 (1,830)
16	4,000 (1,200)
50	2,000 (610)

The Patton Model 1173 IP Network Camera Extender enables streaming video rates of up to 50 Mbps over ordinary phone grade twisted pair. Unlike wireless, wire-line extension provides a secure and reliable connection without needing a clear line of sight. Dependable performance and streaming rates up to 50 Mbps, the Model 1173 is the perfect solution for transporting high resolution security video footage.

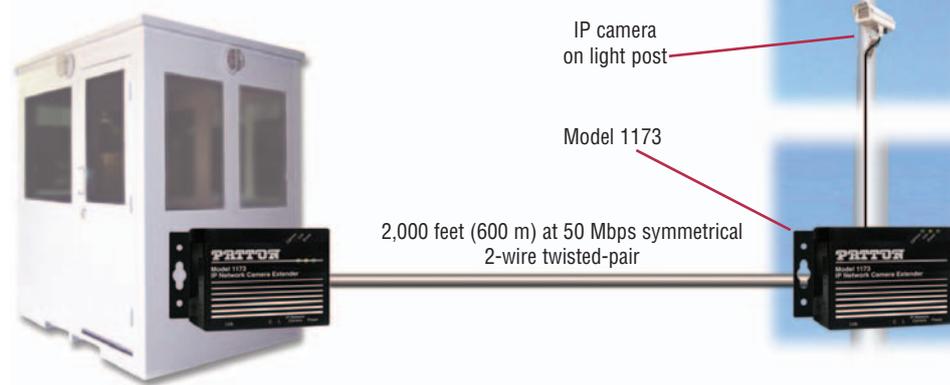
While the device is plug-and-play, the Model 1173 contains three user-selectable settings for line rates providing for flexibility in achieving the optimal video resolution-distance combination. The Model 1173 is completely transparent to protocols, codecs, and applications ensuring compatibility with any IP camera and its management software.

Visit [www.patton.com](http://www.patton.com) for more information.

### Applications

The Model 1173 IP Network Camera Extender's are ideal for delivering IP Video links to remote camera installations that are beyond the 328-foot (100-meter) distance limit of Ethernet. The 50 Mbps line rate eliminates bandwidth concerns previously experienced with other copper wired transmission

technologies. By utilizing existing voice grade copper pairs, alarm circuits, etc. the expense and hassle of installing new cabling is eliminated.



### Ordering Information

**Model 1173R/EUI-2PK:** IP Network Camera Extender Kit; -10° to 70°C ; UI

**Model 1173R/CC/EUI-2PK:** IP Network Camera Extender Kit; -10° to 70°C , conformal coated (humidity 85% condensing from -10 to +35°C); UI

### Specifications

**Line interface:** RJ-45 (pin 4 = ring; pin 5 = tip)  
**Ethernet interface:** 8-position shielded RJ-45. Auto-sensing 10/100Base-T with half or full-duplex operation. DIP switch capable of disabling 100-Mbps full-duplex for equipment that does not support 802.3X (Pause Packets)  
**Protocol:** Transparent to high layer protocol. Supports 802.1Q VLAN tagging  
**Modulation:** Quad Amplitude Modulation (QAM) 4-band  
**Duplexing Method:** FDD (Frequency Division Duplexing)  
**Frequency Range:** Up to 0–12 MHz  
**Line Rate:** 50 Mbps

**Temp:** -10 to 70°C,  
**Compliance:** FCC Part 15A, CE Mark, EMC Directive 89/336/EEC, Low-Voltage Directive 73/23/EEC  
**Power Supply:** External AC and DC options: 120 VAC, and universal input (UI)—100–240 VAC, or optional -48 VDC, -24 VDC, or -12 VDC  
**Humidity (Standard):** Up to 90% non-condensing  
**Humidity (Conformal Coated):** 85% condensing humidity from -10 to 35°C  
**Dimensions:** 1.5H x 4.13W x 3.75D in. (3.81H x 10.5W x 9.53D cm)  
**Weight:** 0.4 lbs (0.18 kg) without power supply



**EPS Elettronica srl**  
 Via s.Francesco d'Assisi, 25 - 20091 Bresso (MI)  
 Tel. +39 02 665 284 11 - Fax +39 02 610 8960  
 Email: info@eps.it - www.eps.it