

# SkyLink™ Wireless Router



The SkyLink™ Wireless Router connects MeterLink™, BumperLink™, Groundlink™ and PayLink™ field equipment to the IntegratorPro™ software platform. This router can use 2.4GHz/915MHz/868MHz RF transceivers for LAN side connections (i.e. StreetSide) and GPRS/GSM, 802.11b/g, Mobitext, Edge and 802.3 wired Ethernet for WAN side connections (i.e. Backhaul). It supports 100+ logical connections at a maximum range of 800 feet line-of-site to the vehicle detection units. Typical distances are 350 to 500 feet. Units are available for use with Wi-fi access points, mesh networks and integrated video camera's.

## Features

- Provides information routing capability between the street side devices and the backend server via a Backhaul connection
- Supports both directional and omni-directional antenna's

## Specifications

- LAN (Wireless) Connection: available with 2.4GHZ, 915MHz or 868MHz wireless transceivers.
- WAN Connection: GPRS/GSM, 802.11b/g, Mobitext, Edge and wired 10/100 Mb 802.3
- Powered by 120Vac/1A (solar panel version available)
- Operational Temperature Range -4°F to 149°F (-20°C to +65°C)
- IP66 FRP Enclosure size is 5" x 14" x 10"
- Mounting brackets available for pole and wall mounting

## Requirements

- Must be installed at least 8' above the ground and within reasonable line of site for best performance
- If integrated Patch antenna is used then enclosure must be mounted in an acceptable manner.
- For off-street applications one SkyLink™ per 200 devices when MeterLinks™ are used in conjunction with GroundLinks™ or BumperLinks™.
- For on-street applications one SkyLink™ per 80 devices when MeterLinks™ are used in conjunction with GroundLinks™ or BumperLinks™ due to typical distribution.



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### Available Models

PART NUMBER	DESCRIPTION
IPM-SKY-901	Outdoor unit 120Vac operation, 900MHz Radio, Wired 10/100Mbit Ethernet connection via External RJ45 connection. Integrated Patch Antenna.
IPM-SKY-900	Outdoor unit 120Vac operation, 900MHz Radio, Wired 10/100Mbit Ethernet connection via External RJ45 connection. Integrated Patch Antenna. Integrated Camera.
IPM-SKY-902	Outdoor unit 120Vac operation, 900MHz Radio, Wired 10/100Mbit Ethernet connection via External RJ45 connection. With Secondary weather tight RJ45 connection for external Ethernet device. (i.e. Camera, WiFi access point)
IPM-SKY-910	Outdoor unit 120Vac operation, 900MHz Radio, Wired 10/100Mbit Ethernet connection via External RJ45 connection. External 48" Omni-Directional Antenna.

### SkyLink Accessories

PART NUMBER	DESCRIPTION
IPM-SKY-H01	Mounting Bracket Kit
IPM-SKY-H02	Skylink Banding Kit
IPM-SKY-C01	120Vac Cordset with filed attachable SO cable.
IPM-SKY-C02	Outdoor Ethernet Cable Kit with field attachable (ends only)



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