





## Applications

- IP Surveillance
- Wi-Fi Networks
- IPTV
- Multi Dwelling Units
- AV, Crestron, Digital Signage



## Highlights

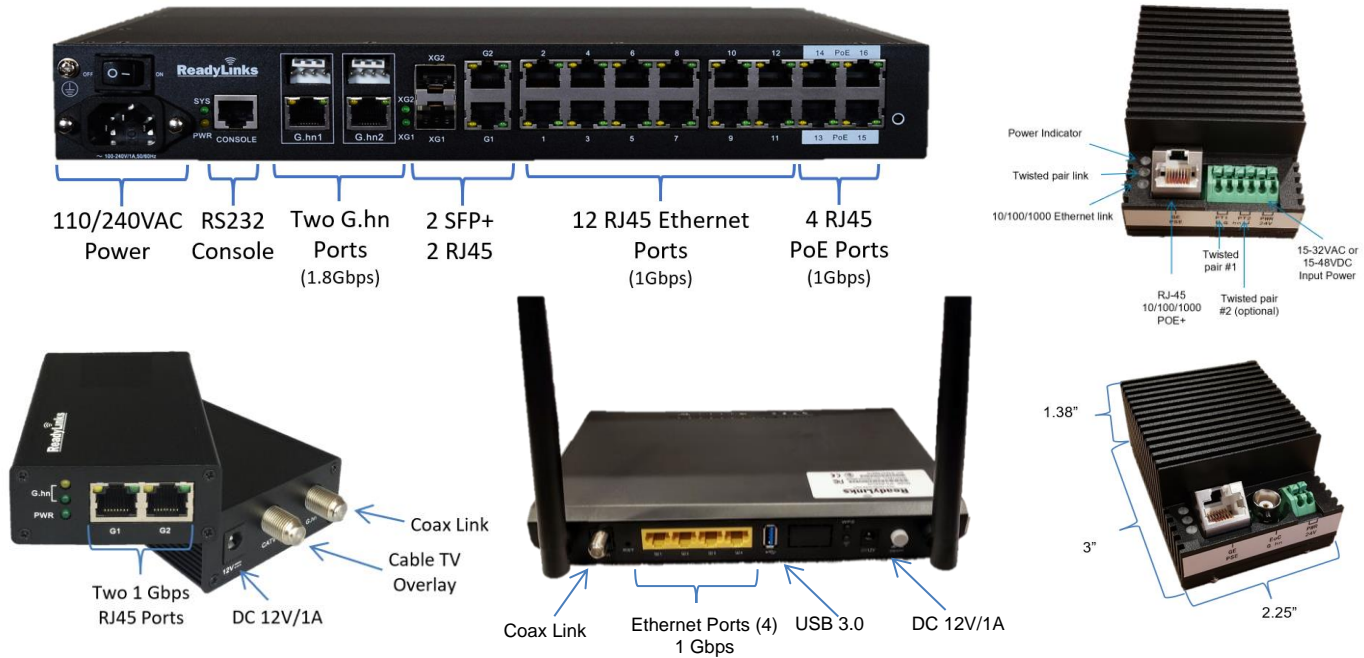
- GigE+ over Single Pair, UTP, or Coax
- Utilize unused Coax Ports for Gigabit Ethernet or WiFi
- Fast Installation
- Significantly reduced install cost and downtime
- 2,000+ft reach over twisted pair
- 3,500+ft reach over coax
- Advanced Data Security Features
- Compatible with RF Video
- Extensive VLAN capabilities
- Flexible Direct, Ring or Daisy Chain WAN Architecture

## Twisted Pair Line

Product	Reach	Rate	Key Features
 IPC-4STP	2,000+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• POE+</li> <li>• Compact Size</li> </ul>
 IPC-842T	2,000+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• Fully managed</li> <li>• Gigabit Speeds over Phonenumber</li> </ul>
 IPC-844TW	2,000+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• Fully managed</li> <li>• Four GigE RJ45 Ports</li> <li>• 802.11ac WiFi</li> </ul>
 GL-2xMTV	2,000+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• Two 10G SFP+ Ports</li> <li>• Four POE+ Ports</li> </ul>

## Coax Line

Product	Reach	Rate	Key Features
 IPC-4SBNC	3,500+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• POE+</li> <li>• Compact Size</li> </ul>
 IPC-842C	3,500+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• Fully managed</li> <li>• RF Overlay Compatible</li> </ul>
 IPC-844CW	3,500+ft	1.8Gbps	<ul style="list-style-type: none"> <li>• Fully managed</li> <li>• Four GigE RJ45 Ports</li> <li>• 802.11ac WiFi</li> </ul>



## Specifications

Operating Temperature, Storage Temperature	0 to 40° C, -10° C to 65° C
Certifications	UL, CE, CUL, FCC Part 15 Class B, EMC 89/336/EEC, ICES-003
Twisted Pair	Minimum 2 conductors. Nano Skew, Belden, CAT1-5, CAT5E, CAT6, CAT7
Coax	~40dB of attenuation in the frequency range 5-200Mhz
Standards Compliance	IEEE802.3, IEEE802.3u, IEEE802.x, IEEE802.1D, IEEE802.1Q VLAN ID, ITU-T G.9954
VLAN Tagging	Fully manage both client and master port VLAN tagging and trunking
Management	GUI, SNMP
Configuration	Automatic remote server configuration file
Data Rate Physical Layer	2,048 Mbps
Data Rate Effective	1,800 Mbps
Distance	2,000+ ft UTP (Minimum 2 conductors)   3,500+ ft Coax
Modulation Type	Fast Fourier Transform (FFT) Orthogonal Frequency-Division Multiplexing (OFDM) in 4-200Mhz offers 2Gbps bit rate over single medium.
Robustness	LDPC, FEC line condition adaptive
WAN Protocols	MSTP, RSTP
GL2xMTV Input Voltage and Power Consumption	110-240 Volts AC (50-60 Hz) < 50 watts
GL2xMTV Dimensions	12"(L) x 19"(W) x 1.75"(H)
IPC-4STP/IP-4SBNC Dimensions	3"(L) x 2.25"(W) x 1.38"(H)
IPC-842T/IPC-842C Dimensions	5.5"(L) x 2.5"(W) x 1"(H)
Twisted Pair Cable Compatibility	CAT1 TO CAT5, CAT5E, CAT6 & CAT7 Nano-skew (1 pair = 1+ G. 4 pair > 4 G trunk feed) Nano-skew (1 pair = 1+ G. 4 pair > 4 G trunk feed) Belden 87723 paired – Audio, control and instrumentation cable Crestron Crestnet