

Applications

- IP Surveillance Upgrades

Enterprise Benefits

- Eliminate rewiring
- Significant installation savings
- Faster IP camera upgrade times
- Reduce Risk and Downtime
- Maximize ROI
- Common chassis across network
- Fully monitored and managed hardware
- Integrates seamlessly into existing IP Network

IP Surveillance Product Line



GL-8xBTV



IPC-4SBNC

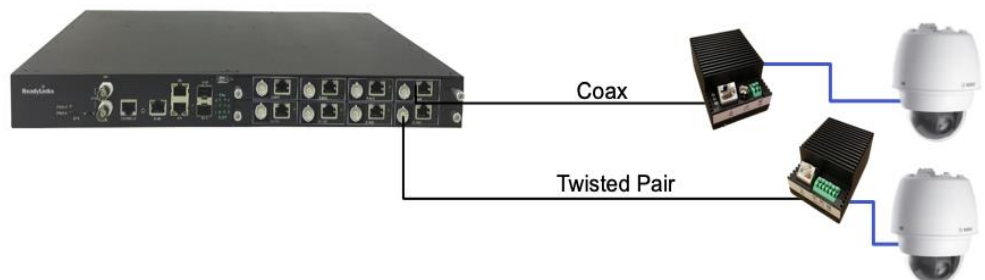


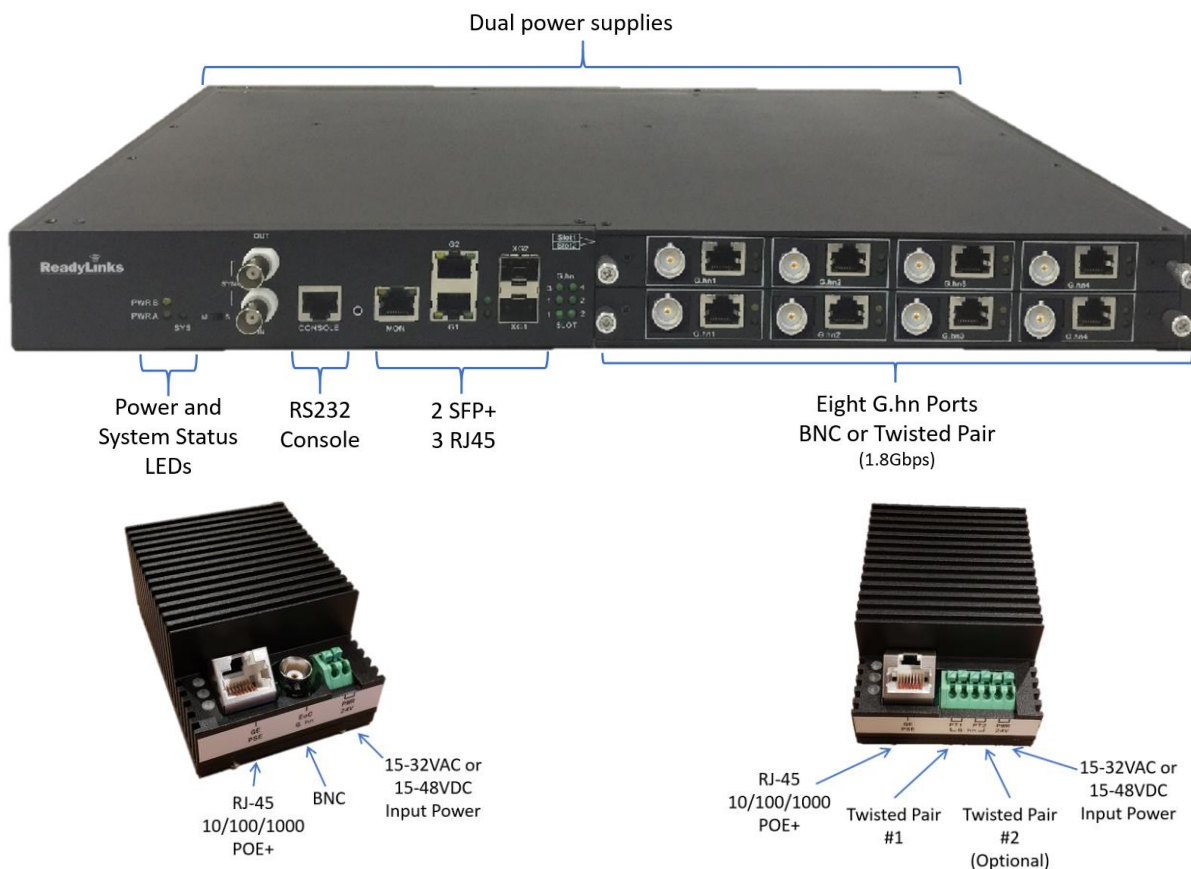
IPC-4STP

Features

- 3,500+ ft reach over
 - Mini Coax, RG59, RG6 and more
 - Nano-skew (1 pair = 1+ G use 4 pair > 4 G trunk feed)
 - Siamese Stranded Cable
 - CAT 1 TO CAT5, 5E, CAT6 & CAT7
- POE+ smart power to IP Cameras
- Compact, fan-less client design. Fits in existing electrical outlets
- Flexible Direct, Ring or Daisy Chain uplink architecture
- Dual power supplies, hot-swappable line cards
- Advanced Data security features
- Gigabit Ethernet LAN, 10G Uplinks

Architecture





Specifications

Operating Temperature, Storage Temperature	0 to 40° C, -10° C to 65° C (14° F to 149° F)
Input Voltage and Power Consumption GL8xBTV2	110-240 Volts AC (50-60 Hz) < 75 watts. Dual power supplies
Input Voltage IPC-Clients	15-32VAC or 15-48VDC
Certifications	UL, CE, CUL, FCC Part 15 Class B, EMC 89/336/EEC, ICES-003
Coax	Mini coax, RG59, RG8, RG6, up to 40dB attenuation in 5-200Mhz frequency range
Twisted Pair	Minimum 2 conductors. Nano Skew, Belden, CAT1-5, CAT5E, CAT6, CAT7, Crestnet
Ethernet Interface WAN/LAN Connectivity	Two (2) SFP+ ports supporting 1/10 Gbps symmetrical fiber or copper Ethernet ring, daisy chain or direct
Serial Interface for Administration	RS-232 console port
WAN Protocols	MSTP, RSTP
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
Client Dimensions	3"(L) x 2.25"(W) x 1.38"(H)
Management	Fully Managed. GUI, SNMP, SSH, Console
Configuration	Automatic remote server configuration file
Data Rate Physical Layer	2,048 Mbps
Data Rate Effective	1,800 Mbps
Distance	2,000 ft (Minimum 2 conductors)
Modulation Type	Fast Fourier Transform (FFT) Orthogonal Frequency-Division Multiplexing (OFDM).
Robustness	LDPC, FEC line condition adaptive, Power mask notching, Near end crosstalk mitigation
Security	DLF, Broadcast, TCP-SYN, IGMP Attack protection. MAC spoofing, flooding protection. Multicast/Broadcast flooding protection. DHCP Filtering, Mac Filtering, NetBEUI, NetBIOS Filtering, NBT Packet filtering
Ordering part numbers:	GL-8xBTV2 (Coax Twisted pair Headend) IPC-4SBNC (Coax Client) IPC-4STP (Twisted pair client)