ReadyLinks

Applications

- High Speed IP Slot Floors
- IP Slot Floor Upgrades

Key Highlights

- 1/10 Gigabit Fiber Uplink
- Gigabit+ over 1 Pair UTP
- Dual Power Supply
- Fast Installation
- Significantly reduced install cost and downtime
- 2,000+ft reach over twisted pair
- Advance Data Security Features
- Extensive VLAN capabilities
- Flexible Direct, Ring or Daisy Chain WAN Architecture
- Line Card Upgradability

IP Slot Floor Product Line

GL-8xMTV
(Headend in Cable Closet)

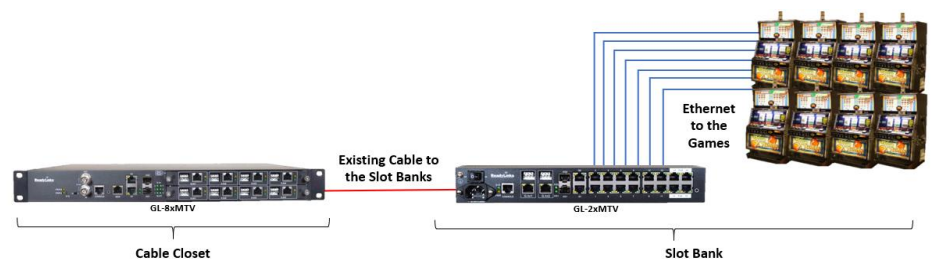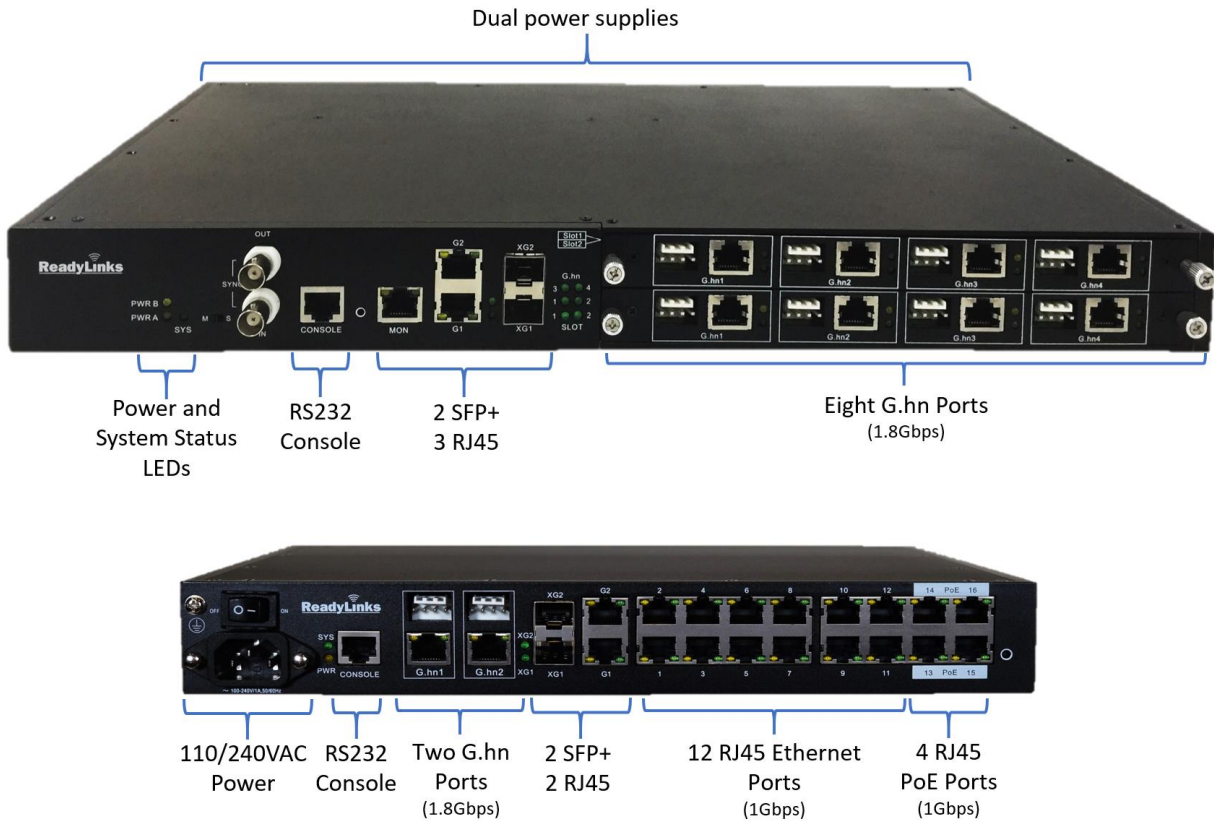**GL-2xMTV**
(Switch in Slot Bank)

Features

- Fully Managed Layer2+ Switch
- 1.8 Gbps over twisted pair
- 2,000+ ft with twisted pair
- Dual 1/10G SFP+ and RJ45 WAN for Daisy Chain and Ring Architecture
- Hardened 1U Metal Chassis
- Redundant Power Supply on GL-8xMTV

Benefits

- Eliminate rewiring and accelerate significant installation savings
- Reduce risk and downtime
- Common IP Platform
- Maximize ROI
- GigE+ Performance
- Hot Swappable line cards
- Hassle-free network expansion

Architecture

Dual power supplies

Power and System Status LEDs

RS232 Console

2 SFP+ 3 RJ45

Eight G.hn Ports
(1.8Gbps)

110/240VAC Power

RS232 Console

Two G.hn Ports
(1.8Gbps)

2 SFP+ 2 RJ45

12 RJ45 Ethernet Ports
(1Gbps)

4 RJ45 PoE Ports
(1Gbps)

Specifications

Operating Temperature, Storage Temperature	0 to 40° C, -10° C to 65° C
Input Voltage and Power Consumption	110-240 Volts AC (50-60 Hz) < 75 watts; Dual power supply
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
Ethernet Interface WAN/LAN Connectivity	Two (2) SFP sockets supporting 10G symmetrical fiber or copper Ethernet ring, daisy chain or direct connect.
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
Dimensions	12"(L) x 19"(W) x 1.75"(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). Max 4096 (12-bit) QAM90
Robustness	LDPC, FEC line condition adaptive
Compatibility	CAT1 TO CAT5, 5E, CAT6 & CAT7 Nano-skew (1 pair = 1+ G use 4 pair > 4 G trunk feed)
Ordering part numbers:	GL-2xMTV (Slots 16 port client) | GL-8xMTV (Slots Master Switch) | GL-8xMTV-LC (Slots Chassis Line Card)