

G4201TR

Long Reach PoE over UTP Extender with UTP Power Injector



Hardware		
Description		1 GE Port G.hn CPE with RPF (Reverse Power Feeding)
Ethernet Interface	Copper	1×10/100/1000Base-TX RJ45 auto-negotiation auto-MDI/MDIX
	Data Rate	10/100/1000Mbps
	Cabling	Cat5e or above
	Maximum Distance	100 meters
G.hn Interface	Twisted-pair	G.hn wave2, SISO (2-100MHz) or MIMO (2-100MHz), default is SISO 1×RJ11 connector or 1xRJ45 connector
	Power Pin Assignment	RJ45 Pin 1,2,3,4: DC+ RJ45 Pin 5,6,7,8: DC-
	Cabling	2 wire bundled telephone line 4 wire ISDN bundled telephone line Cat.3,4,5,5e UTP cable EIA/TIA-568 100-ohm STP
	Security	128-bit AES encryption
LED Indicators		Power, G.hn link, RPF status, GE port link/active
Reset Button		Press more than 10s, factory to default configuration
LED on/off Button		LED on/off
Input Power		DC 54V/0.98A power adapter
Maximum Power Rating		<35W
Enclosure		Hardened aluminum case, IP30
Installation		Desktop or wall mount
Dimensions(W×D×H)		110mm x 76mm x 28mm
Unit Weight		210g
Temperature		Operation: -10~45 degree C Storage: -25 ~80 degree C
Operating Humidity		5 - 95% humidity (non-condensing)
Wiring		Ethernet (CAT) Twisted-Pair

GIGA COPPER NETWORKS

Switching capabilities	IGMP Snooping Quality of Service (QoS)
Management	HTTP web-based; Firmware upgrade via TFTP Reset button for factory reset Management by DPU
Surge protection	ITU K.21
Standards Compliance	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-T Fast Ethernet IEEE 802.3z 1000Base-T Fast Ethernet IEEE 802.3af Power over Ethernet (802.3at Type1) IEEE 802.3at Power over Ethernet (802.3at Type2) G.9960 Amendment 2 – System Architecture and PHY Layer G.9961 Data Link Layer G.9962 Management G.9964 PSD
Certification	FCC, CE
G.hn	<ul style="list-style-type: none"> ➤ 2~200 MHz for Baseband (2~200MHz SISO, 2~100MHz MIMO) ➤ Support 2wire SISO and 4wire MIMO ➤ Up to 1.7Gbps ➤ Power Mask Notching for coexistence with legacy xDSL ➤ NDIM (Neighbor Domain Interface Mitigation) Radio Band Notching function ➤ NEXT (Near End Crosstalk) Mitigation ➤ State-of-the-art LDPC FEC error-free technology improves video quality and minimizes video lag ➤ Plug and play user experience ➤ AES 128 bits encryption ensures total data security