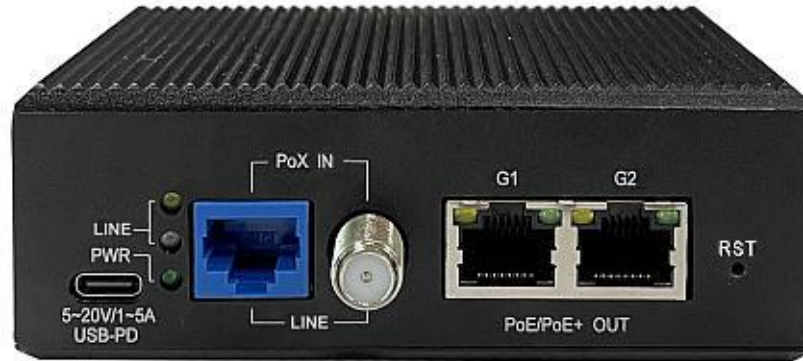


## G4202TCP

### Long Reach PoE over Coaxial/UTP Extender



Modell		G4202TCP
Hardware Specifications		
Input Power		<p>USB Type-C, PD3.0, 5V~20V, 1A~5A</p> <p>The G.hn port acts as PoE/PoE+/PoE++ PD power input only when no external power supply is connected</p>
Ethernet Interface	Copper	<p>2x10/100/1000Base-TX RJ45</p> <p>auto-negotiation</p> <p>auto-MDI/MDIX</p>
	Power over Ethernet Standard	IEEE 802.3af/at PoE PSE (Power Source Equipment)
	PoE Output	54VDC, 600mA max
	PoE Budget	Up to 30W
	PoE Mode	End-span, RJ45 Pin 1/2(-),3/6(+)
	Data Rate	10/100/1000Mbps
	Cabling	Cat5e or above
	Maximum Distance	100 meters
Long Reach PoE Interface	Connectivity	<p>1xRJ45 connector (Long Reach PoE over twisted-pair PD). G.hn profiles: SISO 2-200MHz (InHome and Master/Client firmware) or MIMO 2-100MHz (Master/Client firmware)</p> <p>1xF/BNC female connector (Long Reach PoE over coaxial PD). G.hn profile: SISO 2-200MHz</p>
	Power Input	37~56VDC
	Power Pin Assignment	<p>UTP:</p> <p>RJ45 Pin 1,2,3,4: DC-</p> <p>RJ45 Pin 5,6,7,8: DC+</p> <p>Coaxial</p> <p>F/BNC center pole: DC-</p>

		F/BNC shield: DC+		
	Cabling	Twisted-Pair: 2 wire bundled telephone line 4 wire ISDN bundled telephone line Cat.3,4,5,5e UTP cable EIA/TIA-568 100-ohm STP  Coaxial: Coaxial cable: 75ohm		
	Maximum Distance	Depends on cable type		
	Security	128-bit AES encryption		
LED Indicators	LED	Color	Function	
	PWR	Yellow	local power status	
	G.hn	Green Yellow	G.hn link status	
	ACT	Yellow	Ethernet port link status	
Button	Press more than 15s, factory to default configuration			
Enclosure	Hardened aluminum case,IP30			
Installation	Wall mount or desktop			
Dimensions(HxWxL)	38 x 77 x 107 mm			
Weight	340g			
Standards Conformance				
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) IEEE 802.3bt Power over Ethernet (802.3bt Type3 and Type4)			
Environment				
Temperature	Operation: -10~50 degree C Storage: -25~70 degree C			
Humidity	Operating: 10~90%(non-condensing) Storage: 5~95%(non-condensing)			
G.hn performances & Specification				
Line Modulation Way	OFDM (Orthogonal Frequency Division Multiplexing)			
G.hn Specification	2 ~ 200 MHz for Baseband Power Mask Notching Dynamic PSD NDIM (Neighbor Domain Interface Mitigation) Radio Band Notching function NEXT (Near End Crosstalk) Mitigation			