

EQUIP SERIES ACCESSORIES

HLR1001

IP over Coax Converter

IP over Coax Converter is a type of converter from RJ45 to BNC port, which supports long range power supply transmission via coaxial cable. It provides one BNC coaxial port and one RJ45 port.

The product is equipped with two transmission modes which are 100Mbps and 10Mbps. It can be modified according to the transmission distance.

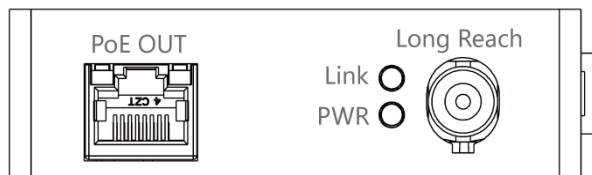


HLR1001-T(Transmitter) HLR1001-R(Receiver)

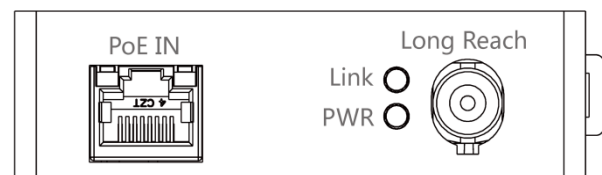
FEATURES & BENEFITS

- Supports IEEE802.3, IEEE802.3u and IEEE802.3X standards.
- Port: 1*RJ45 10/100Mbps, 1*BNC.
- Supports IEEE802.3af and IEEE802.3at power supply standards.
- Supports MDI/MDIX self-adaption.
- Supports RG59 coaxial cable: 1312ft/400m/100Mbps, 3281ft/1000m/10Mbps
- Supports long range power supply transmission via coaxial cable.
- Operating temperature: -22°F~149°F (-30°C ~ 65°C).

DEVICE STRUCTURE

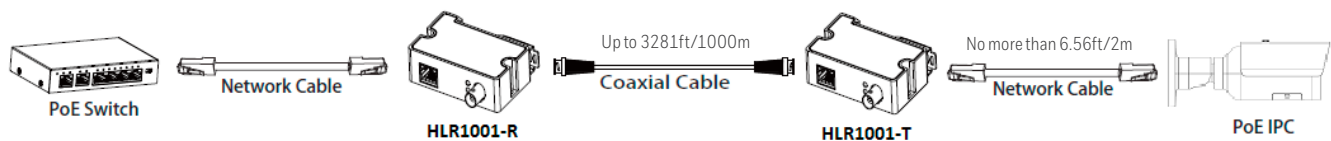


HLR1001-T(Transmitter)



HLR1001-R(Receiver)

TYPICAL APPLICATION



Note: The maximum distance of network cable from HLR1001-T to IP camera should be no more than 6.56ft/2m using PoE.

EQUIP SERIES IP OVER COAX CONVERTER

TECHNICAL SPECIFICATIONS

DESCRIPTION	
TRANSMITTER	HLR1001-T (connected to the camera)
RECEIVER	HLR1001-R (connected to the network)
FUNCTION PORT	1*10/100 Mbit/s BASE-TX, 1*BNC
POWER CONSUMPTION	<2W
TRANSMISSION BANDWIDTH	RG59 coaxial cable: 1312ft/400m: 100Mbps, 3281ft/1000m: 10Mbps
POE PROTOCOL	IEEE802.3af, IEEE802.3at
NETWORK STANDARD	IEEE802.3, IEEE802.3u, IEEE802.3x
LIGHTNING PROTECTION	Common Mode 4KV, Differential Mode 2KV
OPERATING TEMPERATURE	-22°F~149°F (-30°C ~ 65°C)
OPERATING HUMIDITY	5% ~ 95%
WEIGHT	0.14lb/61g
DIMENSION (W×D×H)	3.11" x 2" x 0.9" (79mm×52mm×23mm)

CABLE LENGTH (ft/m)	BANDWIDTH (Mbps)	POE MAX LOAD CAPACITY (W) POE SWITCH SUPPLY VOLTAGE 48V	POE MAX LOAD CAPACITY (W) POE SWITCH SUPPLY VOLTAGE 53V	NETWORK OPERATING MODE
328/100	100	21	25.5	E100
656/200	100	15	24	E100
984/300	100	11	19	E100
1312/400	100	9	16	E100
1640/500	10	7	13	E10
2625/800	10	5	8	E10
3281/1000	10	4	6	E10

Cable RG-59, max DC resistance < 5Ω/328ft/100m.

Note: Cable length means the total wire length from switch to transmitter (including network cable and coaxial cable).

The transmission distance of network cable from HLR1001-T to IP camera cannot exceed 6.56ft/2m, when the camera is powered up with PoE.

ORDERING

HLR1001	IP over Coax Converter (Transmitter + Receiver)
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For more information

www.security.honeywell.com

Honeywell Commercial Security

715 Peachtree St. NE

Atlanta, GA 30308

1.800.323.4576

www.honeywell.com

Honeywell reserves the right, without notification, to make changes in product design or specifications.

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