

AN IP2W

IP over 2 Wire Converter User Guide

ARISTEL NETWORKS

Aristel

AN IP2W Network HD Coaxial Transmitter

Specifications:

	IP network HD coaxial transmitter
Protocol standard:	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX
Network port parameters:	Electric port connector:RJ45 Transmission speed: 10/100 Mbps Adaptive (actual utilization is 50M) Cable type :UTP-SE or higher lever Transmission distance: 100m
Coaxial parameters:	Coaxial type :BNC 75-3 or is 75-5. Transmission distance: 300m~500m
Performance specifications:	Forwarding method: Store and forward Transmission mode: full duplex/ half duplex adaptive
Power:	Power type: External power supply Power input voltage: AC 100~240V 50/60Hz Unit power connector: DC socket Unit working voltage:5V Unit power consumption:2.2W~4.5W
Work environment:	Storage temperature: -40 -70°C Working temperature: -10-55 C Working humidity: 5%-90% No condensation
Mechanical structure:	Size: 90 x 35 x 25mm Weight: 0.20kg (Body of unit) Unit color: Metal, black

Product overview:

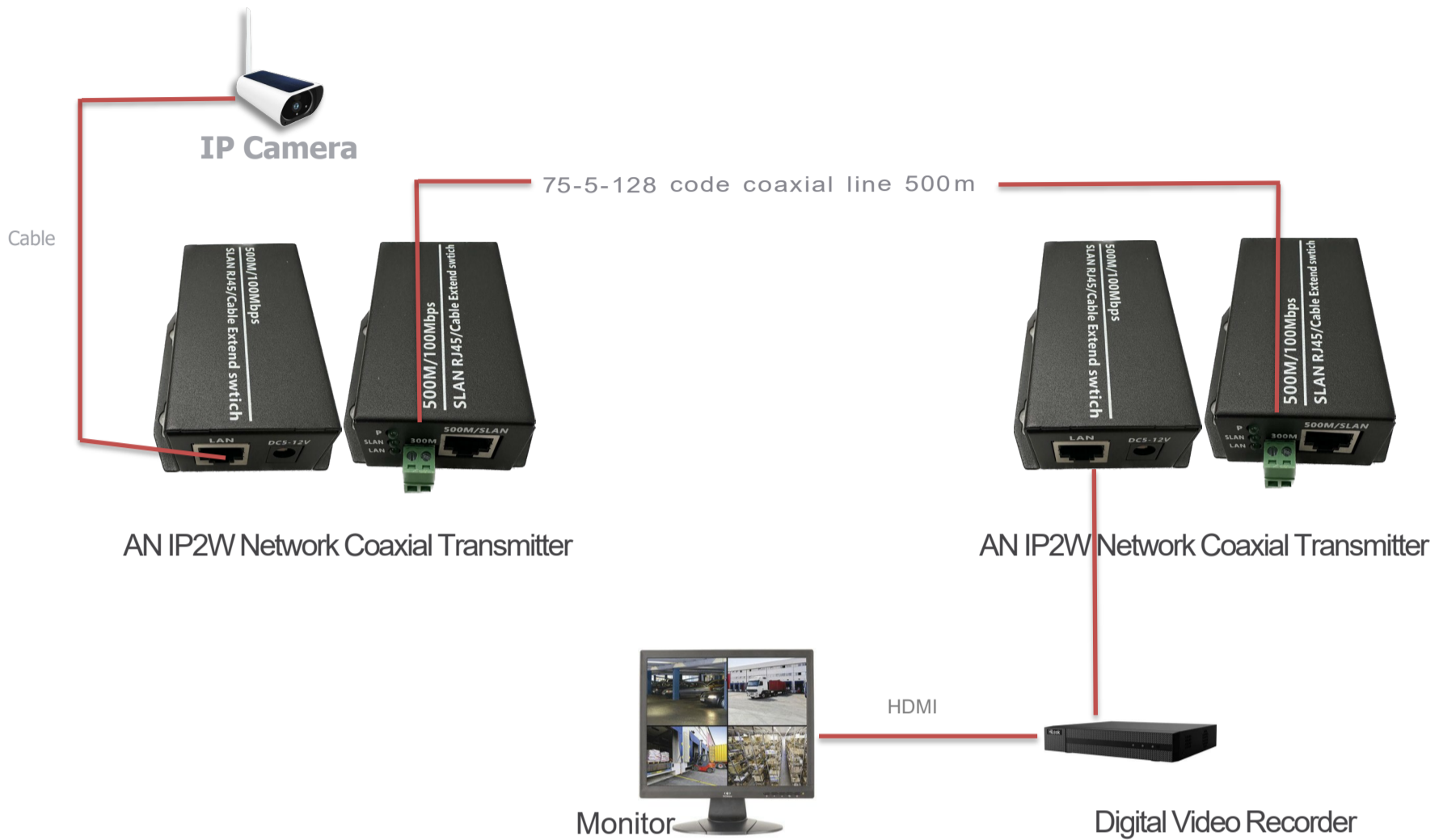
IP coaxial transmitter is an Ethernet converter that converts Ethernet signal into differential digital signal that can be transmitted through video line, twisted pair wiring and telephone line. Based on the latest P1901 technology of IEEE, it is compatible with ICP / IP protocol and supports the transmission of high-definition video and high-speed data signal on coaxial cable, twisted pair wiring, telephone line and other medias. It has the advantages of long transmission distance, high communication speed, supporting multimedia services and flexible networking etc. ANIP2W is widely used transforming Analogue Systems to HD and also with new systems that require long-distance transmission, scattered camera points, etc.

Functional features:

1. Long transmission distance: the point-to-point transmission can reach to 500m, solving the problem that the network cable only can transmit 80m. The SYV-75•5 coaxial cable can transmit 500m, and the TCP data flow can still be kept above 30m.bps.
2. Multi-channel transmission: 16CH IP network signals can be transmitted through a main line, which is called point-to-point transmission. It can also be bus transmission, saving wire and construction costs.
3. Features: it can transmit the digital network video, alarm, Intercom, control, audio and other signals through a trunk line. It supports multi-channel digital mega HD without attenuation and damage.
4. Simple Installation: plug and play, no debugging.
5. Strong expansion ability: the original video line, telephone line & twisted pair wiring can be used to Increase the camera point directly without re-wiring. This solves the problem of only using the fiber cable and network cable for transmitting to IP network.

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Application of IP Network Coaxial Transmitter:



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1. P Light: Always lights up after Power On
2. BNC Light: Always on after COAX cable connected
3. Link Light: Always on once connected, and flashes with network data transmission
4. Power Supply: Supports 5 -12V Input. interface is 5.5*2.1

* Notes: 75-3 farthest transmission is 300m, 75-5 farthest transmission is 500m

Safety Instructions:

- Do not open the product shell. Return to Distributor for repair
- Please ensure using the correct power adaptor for the product - use the power supply supplied with the device (DC 5V - 12V 5 Watt)
- Please start the power supply after the cables are connected
- Place in a well-ventilated area
- Do not place anything on top of the device
- Keep away from water

What's in the Box:

- 1 x PAIR (2) IP network Coaxial Transmitters
- 2 x power Adaptors
- 1 x User Guide