

IPX1

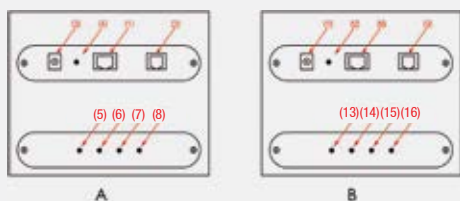
IP VIDEO EXTENDER



KEY FEATURES

- High-speed transmission of Ethernet network signals over twisted pair, telephone lines and coaxial cable, etc.
- Long distance transmission as far as 5,000m
- 0-300 meter, rate up to 148M-90Mbps; 1,200 m, rate up to 15Mbps.
- Excellent real-time function, strong anti-interference, easy installation.
- Both perfect for IP cameras signal extension and analog surveillance system upgrade and renovation.

INSTALLATION



Transmitter (A)

Receiver (A)

1. RJ45 IN
2. RJ11 OUT
3. DC12V IN
4. RESET
5. LINE indicator
6. DATA Indicator
7. LINK Indicator
8. POWER indicator

9. RJ11 OUT
10. RJ45 IN
11. DC12V IN
12. RESET
13. LINE Indicator
14. DATA Indicator
15. LINK Indicator
16. POWER indicator

Product Installation Steps:

1. Connect the local IP Extender LAN port (1) to the network equipment RJ45 output. The LINE port (2) uses RJ11 connector to connect the two core cable (extension part).
2. Connect the low-voltage power supply (DC12V) to the port (3). The green signal indicator light (8) will turn on.
3. Connect the other end of the two-core cable with RJ11 connector to the remote IP Extender LINE port (9). The LAN port is connected to the network equipments (such as network cameras) (10) through network patch cord.
4. Connect the low-voltage power supply (DC12V) to the port (11). the green signal indicator lights (16) will turn on.
5. When network transmission is ready, the IP Extender will automatically tries to connect. The LINE signal indicator (5) (13) will continuously blinking about 10 times then they light all the time. The DATA signal indicator (6) (14) quickly flashing to show network signal transmission which is smooth.
6. The RESET button (4) (12) are used when network transmission is not responding. It only can recover the transmission channel of the IP Extender.



TECHNICAL SPECIFICATIONS

	Category	Description		
Power	Available Voltage Range	12VDC		
	Power Consumption	<4.5W		
Transmission Rate	Transmission Distance	Transmission Rate (Download maximum)		
	Total Transmission Rate (Maximum)	Transmission Rate (Uplink Maximum)		
Protection	150m	148Mbps	74Mbps	74Mbps
	300m	90Mbps	54Mbps	36Mbps
	600m	43Mbps	23Mbps	20Mbps
	900m	30Mbps	15Mbps	15Mbps
	1200m	15Mbps	9Mbps	6Mbps
	3000m	2.4Mbps	1.3Mbps	1.1Mbps
	5000m	0.79Mbps	0.44Mbps	0.35Mbps
Reliability	6000m	0.25Mbps	0.15Mbps	0.1Mbps
	Transmission Channel Lightning	4KV 10/700us, common mode lightning : level 4 1KV 10/700us, differential mode lightning : Level 1 Executive Standard : IEC61000-4-2		
Product Physical	Product Electrostatic Protection	1a contact discharge Level 4 1b air discharge Level 4 Executive Standard : IEC61000-4-2		
	Material	Aluminium		
Operating Environment	MTBF	>30000 hours		
	Dimensions (L x W x H)	118mm x 108mm x 27mm (including the terminal length)		
Characteristic	Color	Black		
	Net Weight	0.5KG / Pair		
Operating Environment	Gross Weight	0.6KG / Pair		
	Working Temperature	-30°C ~ +60°C		
Operating Environment	Storage Temperature	0°C ~ +85°C		
	Humidity	0°C ~ +95°C		