

Introduction:



1. Overview

IP Camera Extender is a high quality and good performance device with standard 10/100Mbps Ethernet interfaces integrated, its transmission distance is extended to 4km by 1-pair copper or 6Km by 2-pair wire. IP Camera Extender is designed with 16TC-PAM code according to ITU-T G.991.2 and ITU-T G.994.1, which can improve the transmission performance and economize resource. As the new generation product, it has not only the technical advantage but also very simple installation and maintenance procedure at the same time. It is the best solution for the customers.

2. Features

- New generation technology, maximal transmission speed 4.6Mbps.
- One-pair wire or two-pair wire optional.
- Flexible data ports. Support dual data port in one device.
- The distance can extend to 3.7-4km with 0.4mm (AWG26) by the speed under 2Mbps for one-pair device and 4~4.5Km for two-pair device
- 10/100Base-T interface accordant with standard IEEE802.3 and 1Mbytes buffer inserted.
- MAC address list inserted and 4096 MAC address available.
- DSL speed is modifiable
- Easy to install and operate. Working preferences by DIP switch and software control.
- Using 16TC-PAM Code to reduce ISI and to improve the transmission performance.
- AC110~240V or DC48V power supply optional.

3. Specification

3.1. DSL

- Connector: 4 pin industrial terminal (standalone device) and RJ11 (plug-in card)
- Line Code: TC-PAM
- Impedance : 135Ω

3.2. Ethernet

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x
- Connector: RJ45
- 10/100Mbps auto-sensing, Half/Full duplex auto detected

3.3. Management Port

- Connector: RS232/DB9(for Platform Machine)
- CONSOLE/RJ45(for Plug-in Card)
- Setting timeslots, clocking source, alarms, E1/DSL loopback etc.
- CLI interface, use hyper-terminal to management

3.4. Power

- Platform Machine:
- AC/DC optional

AC: 220V, 50Hz±5%, Waveform Distorting Rate<5%
DC: -40V~ -57V
Power Consumption≤15W
Plug-in Card:
Power consumption≤10W

3.5.Environment

Operating Environment

Temperature: 0~+50°C

Humidity: 0~90%, no condensing

Storage Environment

Temperature: -25~+70°C

Humidity: 0~95%, no condensing

3.6.Size & Weight

Platform Machine

Size:width×depth×height: 262 (W) x 163(D) x 36(H)mm

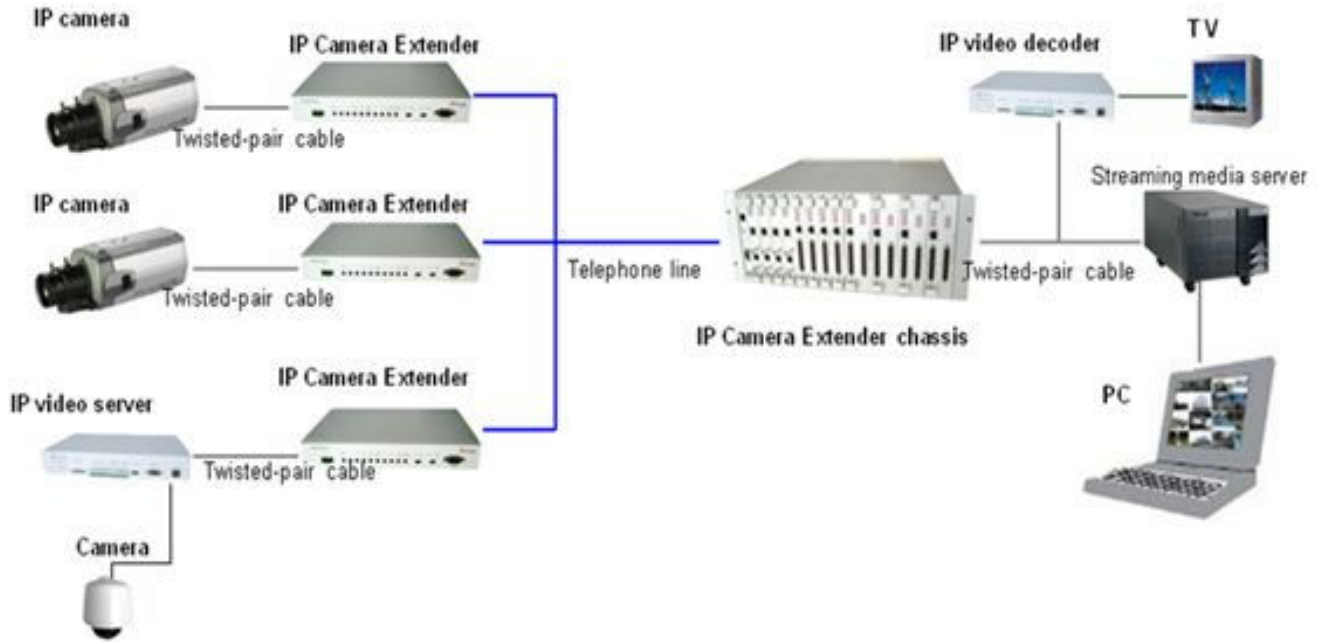
Weight: 1.23Kg

Plug-in Card

Size:lenth×width: 133 × 108mm

Weighth :300g

4.Typical Application



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