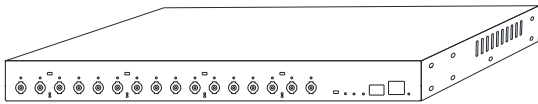# INTERCOAX
NETWORK

Quick Start Guide
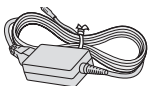
ECP-2808RM / ECP-2816RM

Please read carefully the instruction manual before use.
Contents of this manual are subject to change without prior
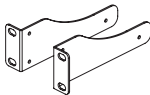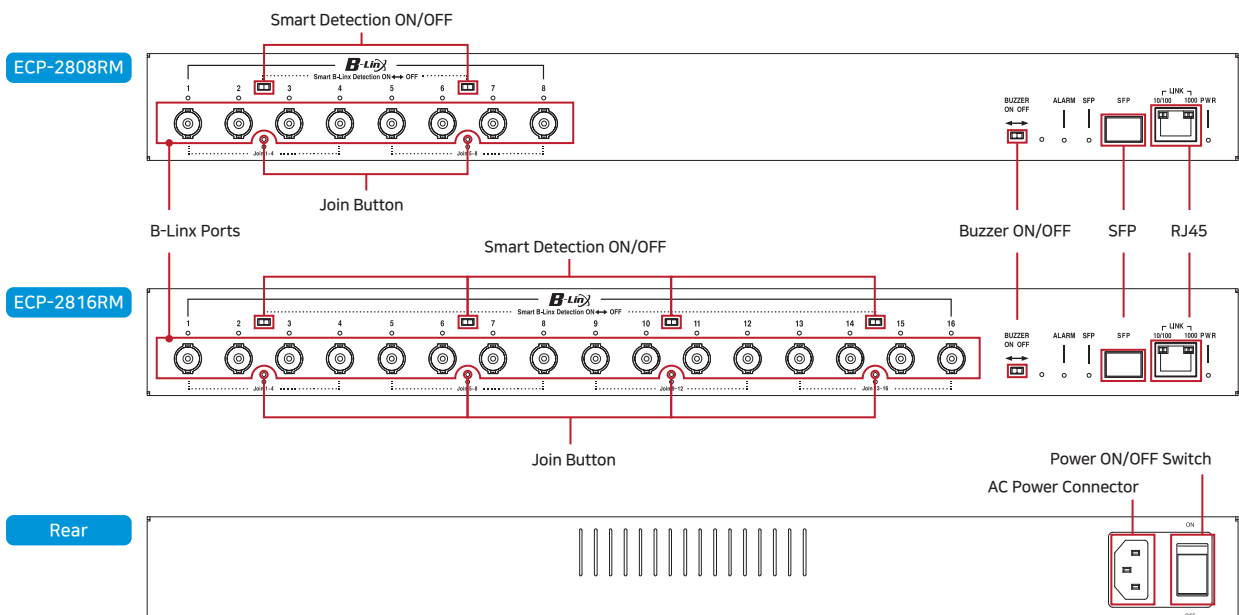notice for reasons such as functionality enhancements.

[Rev.1.1]

Overview

The ECP-2808RM/2816RM are 19" rack mountable Managed Long Distance Ethernet and PoE over Coax Receiving Switches. ECP-2808RM/2816RM are available with 8 or 16 B-Linx(Coax) ports.

ECP-2808RM/2816RM are capable of connecting more than 8/16 ECP Transmitters even with Daisy-Chain connection and also support PoE powered devices such as IP cameras. Data rates up to 1Gbps are achievable, making these devices the ideal choice in new or legacy installations where existing coax cable is re-deployed as part of an upgrade from Analog to IP cameras. ECP-2808RM has built-in 320 Watt power supply and ECP-2816RM has built-in 640 Watt power supply. All connected IEEE1901 HPAV standard devices are manageable with the ECP Manager, via Web GUI.
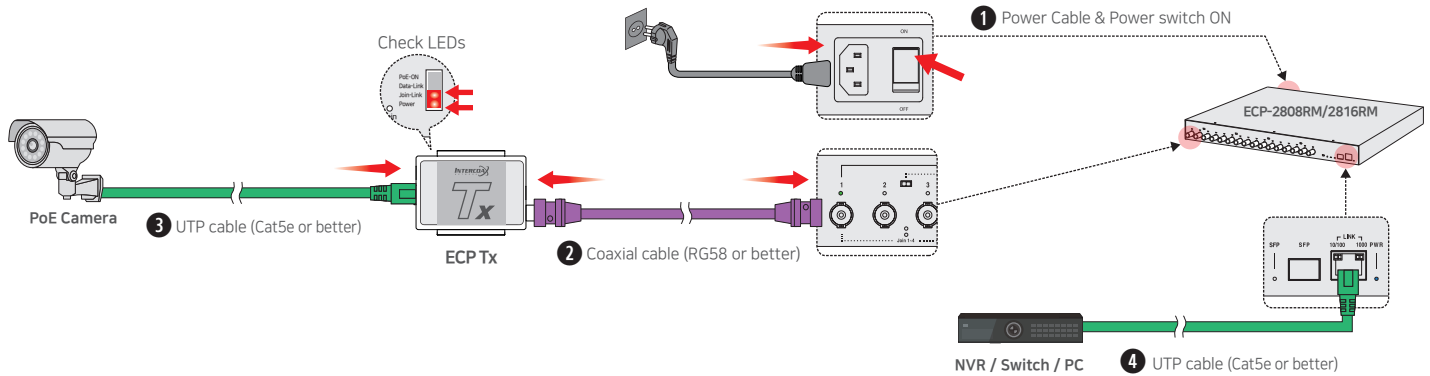
Features

- ECP Manager software, via Web GUI to access, monitor and manage the ECP-2808RM / 2816RM easily and remotely.
- Configure Join & Unjoin, Changing joining password and power reset of remotely connected devices
- Real-time monitoring of power consumption for each port
- Multicast Setting with IGMP Query & Report Generator
- SNMP/SSH, VLAN/QoS
- Port Locking by MAC Addresses
- Back up & Restore of configuration
- 8/16 Port long distance EoC up to 2.4Km
- PoE/ PoE+/ Extra PoE up to 60W (PoE++) per B-Linx port
- Each port has Auto Power Short Protection. When the cable is being shorted or damaged, it won't transmit power until the cable is fixed
- B-Linx Device Detection will secure the power transmission only to B-Linx devices
- 320W / 640W Built-in Power Supply
- Built-in crosstalk cancelling technology
- B-Linx Multiple Nodes can be used (Daisy Chain, Star, Etc.) on each port
- All IEEE1901-HPAV standard EoC devices can be easily connected remotely
- 19-inch(1U) rack mountable design
- Giga-bit SFP and Copper uplink port
- Supports UTP, Telephone (2 Pairs), 2-Wire cable communication (Using BTE Series)
- Surge Protection

Package

ECP-2808RM / ECP-2816RM

Power Cord

Bracket

Quick Start Guide

Hardware Overview

ECP-2808RM

Smart Detection ON/OFF

Join Button

B-Linx Ports

Buzzer ON/OFF   SFP   RJ45

Smart Detection ON/OFF

ECP-2816RM

Join Button

Power ON/OFF Switch

AC Power Connector

Rear

Check LEDs
PoE-On
Data-Link
Join-Link
Power

1 Power Cable & Power switch ON

ECP-2808RM/2816RM

PoE Camera
3 UTP cable (Cat5e or better)

ECP Tx
2 Coaxial cable (RG58 or better)

NVR / Switch / PC
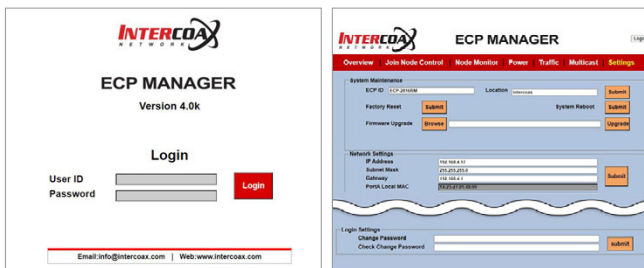**4** UTP cable (Cat5e or better)

SFP   SFP   10/100   1000 PWR   LINK

1. Apply power to the ECP-2808/16RM.

2. Use a Coaxial cable to connect the ECP-2808/16RM and the ECP transmitter.
   Check that the **Power** LED and **B-Linx** LED of the ECP-2808/16RM are On.
   Check that the **Power** LED and **Join** LED of the ECP Transmitter are On.

→ The **Join LED** on the ECP-2808/16RM and ECP Transmitters will blink regularly if both devices are joined with the same password. All ECP Products have the same network password as factory default, to support Plug & Play configuration between ECP Series.
   If the **Join LED** is off on both ECP-2808/16RM and ECP Transmitter, joining work is necessary. Instructions on joining (Network Grouping Software Manual) can be downloaded on Intercoax' website (www.intercoax.com).

3. Connect the ECP Transmitters to the IP cameras.

→ If using a PoE IP Camera, please select PoE Switch 'On' on the ECP Transmitter.

4. Connect the ECP-2808/16RM to the network Switch, NVR or PC using a UTP cable (Cat5e or better).

ECP MANAGER

1. In your network settings, set your PC's IP address to 192.168.4.xxx and subnet mask to 255.255.255.0

2. Open the web browser and enter http://192.168.4.17, factory default IP address of the ECP Managed switch.

3. Login window will open on the web browser.
   Default ID / PW : admin / admin

4. Open the Setting page and change the IP address to your desired address, the Login ID and Password.
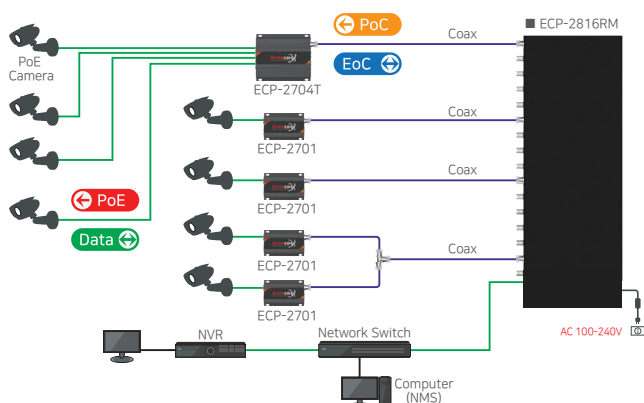

Applications

Caution

- Please install the device following the installation guide.
- Do not touch the device and cable with wet hands.
- Keep away from moisture and shock.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- Indoor use only.
- Do not use for other purposes.
- Do not disassemble or modify this device.
- Do not put any sticker or paint on it.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Please use the rated power supply for the product.
- Connect DC power to this device first and then to AC outlet.

Warranty

- This device has passed the quality control and product inspection.
- Please install and use according to the installation guide.
- The warranty period for this product is 24 months from the date of purchase.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Any damages or breakage from user's abuse, accident, modification or natural disasters will not be covered manufacturer's warranty.

This device complies with part 15 of the fcc rules. Operation is subject to the following two conditions :
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received including interference that may cause undesired operation

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