# RT-EOC31

**ACCESSORIES**




Features

◆ The equipment consists of two parts: SV-Unit and IPC-Unit. SV-Unit has 12V DC port, one RJ45 input port and two output ports: BNC and RJ45; IPC-Unit has two input ports: BNC and RJ45, one RJ45 output port and one 12V DC port;

◆ Adopt advanced transmission technoloy to transmit Ethernet signal up to 1200m through coaxial cable and transmit Ethernet signal up to 700m through network cable;

◆ Ethernet delay less than 1ms; meet point to point application;

◆ Protection: excellent circuit isolation protection, superior product anti-thunder , anti-satic and anti-interference;

◆ Appearance: durable and delicate, meet MIT rack installation standard, working temperature: 0 ℃～ 55 ℃ ;

◆ Installation: Plug-and-play, no setting required.

| | | |
|---|---|---|
| **Model Number** | Active Ethernet over Coax Extender RT-EOC31 | |
| **Power** | **Power Supply** | Power Adapter |
| | **Voltage Range** | DC 12V |
| | **Consumption** | < 2W |
| **Ethernet Port** | **Ethernet Port** | EOC: 0--100Mbps Ethernet port:10/100Mbps;<br>transmission bandwidth changes based on transmission distance, please refer to table 1 |
| | **Transmission Distance** | EOC coaxial cable: 0-1200m<br>EOC network cable: 0-700m |
| | **Transmission Medium** | RJ59 coaxial cable and Cat5e/6 cable |

| | | |
|---|---|---|
| **Ethernet Exchange** | **Ethernet standard** | IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX |
| | **Ethernet delay** | ＜ 1ms |
| **Status** | LED Indicator | Input/output ports:<br>power status(RJ45 yellow)<br>network signal transmission(RJ45 green);<br>EOC: indicate cable connection(RJ45 yellow/green |
| **Protection** | **ESD** | 1a Contact Discharge level 3<br>1b Air Discharge level 3<br>IEC61000-4-2 |
| | **Communication Port Anti-thunder Protection** | Level 3, Per: IEC61000-4-5 |
| **Operation Environment** | **Working Temperature** | 0 ℃ ~55 ℃ |
| | **Storage Temperature** | -40 ℃ ~85 ℃ |
| | **Humidity (non-condensing)** | 0~95% |
| **Mechanical** | **Dimension (L×W×H)** | 63.2mm×82mm×25mm |
| | **Material** | Aluminum |
| | **Color** | Black |
| | **Weight** | IPC:134g; SV:134g |