

## CE-EOC16

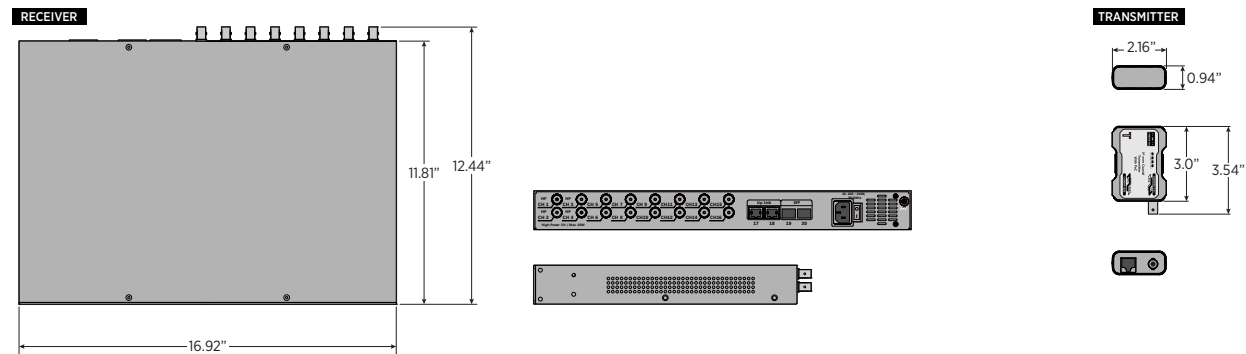
### 16 Channel Ethernet Over Coax Kit



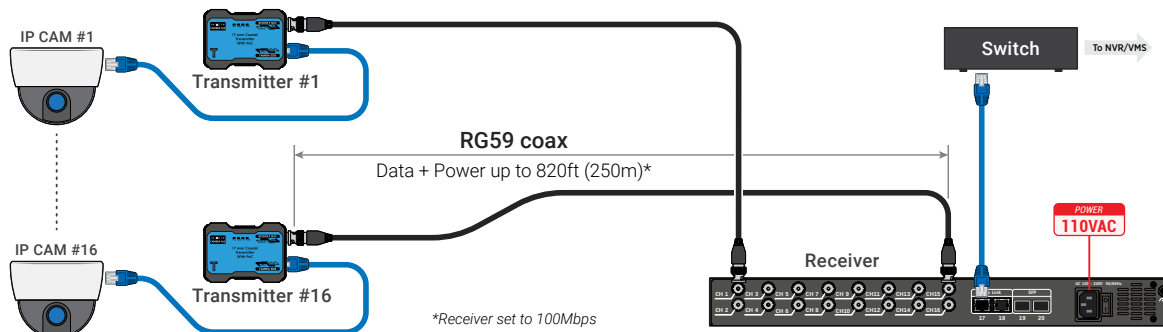
#### Key Features:

- Transmit Ethernet (Data + Power) over a single coax cable up to 820 ft (250m) at 100 Mbps w/ RG59 coax
- Powers PoE cameras (up to 30W)
- Adjustable bandwidth based on distance (10/100Mbps)
- Built-in switching hub (on Receiver) with RJ45 and SFP uplinks
- Displays real-time power per channel
- Plug-and-play—no setup required
- PoE On/Off control per channel (switch mounted on transmitter)
- Built-in diagnostics for stable power
- Supports multicast
- Rack-mountable with included brackets
- Integrated surge protection
- Kit includes main Receiver and 16 Transmitters

#### Dimensions:



#### Connection Diagram (Example):



| RECEIVER                                       |                                                             |
|------------------------------------------------|-------------------------------------------------------------|
| Data Rate                                      | 10/100Mbps                                                  |
| Power Requirement                              | AC100-240V, 50-60Hz                                         |
| Power Consumption                              | Max 15W, varies based on connected powered devices (PD)     |
| Output                                         | 30W for IEEE 802.3at (PoE+)<br>15.4W for IEEE 802.3af (PoE) |
| Max PoC Voltage/Capacity                       | DC56V / 300W                                                |
| Connections                                    | BNC x 16, RJ45 x 2, SFP x 2                                 |
| Max Transmission Distance (Data + Power, RG59) | 100Mbps mode: 820ft / 250m<br>10Mbps mode: 2624ft / 700m    |
| Operating Temperature                          | 32°F - 122°F / 0°C - 50°C                                   |
| Operating Humidity                             | 0-80% RH                                                    |
| Dimensions (W x H x D)                         | 16.92" x 1.73" x 12.44"<br>430mm x 44mm x 300mm             |
| Materials                                      | Steel                                                       |
| Weight                                         | 8.82 lbs / 4 kgs                                            |

| TRANSMITTER (x16)                              |                                                          |
|------------------------------------------------|----------------------------------------------------------|
| Data Rate                                      | 10/100Mbps                                               |
| Power Requirement                              | Power over Coax using PoE power or DC48V from Receiver   |
| Power Consumption                              | Varies based on connected powered device (PD)            |
| Connections                                    | BNC x 1, RJ45 x 1                                        |
| Max Transmission Distance (Data + Power, RG59) | 100Mbps mode: 980ft / 300m<br>10Mbps mode: 2624ft / 700m |
| Operating Temperature                          | 32°F - 122°F / 0°C - 50°C                                |
| Operating Humidity                             | 0-80% RH                                                 |
| Dimensions (L x W x H)                         | 3.54" x 2.16" x 0.94"<br>90mm x 55mm x 24mm              |
| Materials                                      | ABS Plastic                                              |
| Weight                                         | 0.14 lbs / 0.062 kgs                                     |