



VERDELON

Fiber to Coaxial Media Converter

IM-UM-CX01-0007

Product Description

The Fiber to Coaxial Media Converter seamlessly converts AHD, HDCVI, HD-TVI, and CVBS signals into optical signals, enabling long-distance transmission up to 80 km. With support for resolutions up to 1080p at 30fps and easy plug-and-play installation, this versatile device is ideal for city surveillance, industrial monitoring, and public security applications. Its robust design accommodates a wide temperature range (-15°C to 65°C) and features automatic format detection for hassle-free operation. Equipped with LED indicators for system status monitoring, the Fiber to Coaxial Media Converter is the perfect solution for reliable and efficient video transmission.





Ports Interface

| | |
|---------|-------------|
| BNC | 1x BNC port |
| Optical | 1x SFP port |

Power

| | |
|------------------|-----------------------------|
| Power Input | 5VDC (3-pin terminal block) |
| Self Consumption | 6W |

Indicators

| | |
|-------|--------------|
| PWR | Power status |
| Fiber | Fiber status |
| Data | Data status |

Physical Properties

| | |
|------------------------|--|
| Weight | 1500g |
| Case Material | Aluminum |
| Dimensions (H x D x W) | 20mm x 30mm x 80mm |
| Mounting | Optional DIN-Rail mount included Optional wall mount included |

Technical Specifications

| | |
|-----------------------|--|
| Wavelength | 1310nm/1550nm |
| Resolution Support | Up to 1920 x 1080 @ 30Hz |
| Video Connector | BNC |
| Impedance | 75 Ohm (unbalanced) |
| Number of Channels | 1 |
| Transmission Distance | Up to 80 KM on single mode fiber |
| PTZ Protocol | RS485 |
| PTZ Data Rate | Up to 200 Kbps |
| Direction | Simplex from Rx to Tx (BIDI duplex optional) |

Environmental Standards

| | |
|-----------------------|---------------|
| Storage Temperature | -40°C to 85°C |
| Operating Temperature | -20°C to 70°C |
| Humidity Tolerance | 5% to 95% |

Any questions?

Visit our website at:
www.verdelon.com

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