



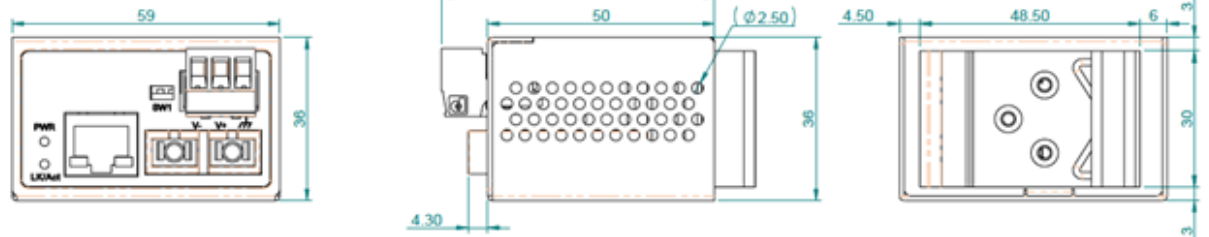
MC0015F

100-meter Media Converter

This true mini, rugged Industrial media converter is designed for where critical but space-limited outdoor CAM enclosure. It can be powered by wide range of VAC, VDC or external DC power adapter. With its multi-purpose design, it can also be used for Din-Rail or wall-mounted. It is an ideal unit for IP surveillance, traffic monitoring and Security application in critical environment. It can tolerate $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$.

- ▶ Rugged Industrial Media Converter
- ▶ Outdoor CAM enclosure
- ▶ Mini design enclosure 59mm(L) x 36mm(W) x 49mm(D)
- ▶ Surge protection diodes on power input
- ▶ ESD protection diodes on RJ-45 port
- ▶ Extended environmental specification $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$

Dimension:



Technical Specifications

100-meter Media Converter

Model#
MC0015F

IEEE Standard
IEEE 802.3 10Base-T Ethernet
IEEE 802.3u 100Base-TX Fast Ethernet
IEEE 802.3u 100Base-FX Fast Ethernet
IEEE802.3x Flow Control and Back Pressure

Data Processing
Store and Forward

Flow Control
IEEE 802.3x Flow Control and Back Pressure

Architecture
Full wire speed conversion, Transparent conversion to 802.1Q VLAN tagged packets

MAC address table size
1K

Packet buffer size
1 Mbits

Network connector
RJ-45 10/100M BaseT(X)
Auto negotiation, Auto MDI/MDI-X function
Full/Half duplex
Fiber ports: 100BaseFX SC, ST, SC SM 30km, SFP 100BaseX

Operating temperature & Storage temperature
$-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$

Operating humidity
5% to 95% (Non-condensing)

Housing design
IP40 Design, high graded Aluminum

LED indicators
Power, Speed, Link/Act
Speed (TP port)
Link/Act(TP and Fiber port)

DIP switch
Link Fault Pass Through (LFP)
Converter Mode, Switch Mode

Power protection
Surge protection diodes on power input

Reserve polarity protection & Overload current protection
Present

EMI / EMC / EMS / Safety
CE, FCC, RoHS, VCCI, EN60950-1

Power input
18V-36VAC, 9V-60VDC, DC Jack terminal cable supported (DC Barrel Connector)

Conformance to UL standards
Use Isolated power supply to conform with UL 508 standard

Power consumption
Full Load: 1.92Watts at 48VDC

Removable terminal block
3 pin contact terminal block for power input
Wire range: 0.34mm^2 to 2.5mm^2
Solid wire (AWG):12-24/14-22
Stranded wire(AWG): 12-24/14-22
Torque:5lb-In/0.5Nm/0.56Nm
Wire Strip length: 7-8mm

Case dimension (WxDxH)
59mm x 36mm x 49mm

Installation
DIN rail mounted, panel mounted