



Quick Installation Guide

402MC Industrial Media Converter

www.avcomm.us

• Overview

402MC is 1-port 10/100Base-TX RJ-45 and 1-port 100Base-X plug and play industrial media converter with reverse polarity protection of AC or DC input. It has ingenious appearance design and supports DIN Rail-mounted to facilitate in various industrial network applications.

• Package Checklist

- 1 x Product Unit
- 1 x Din-Rail Clip
- 1 x Quick Installation Guide

• Installation

DIN Rail-mounted

To mount the converter on the DIN Rail track, insert the upper end of the DIN-Rail clip into the back of the DIN-Rail track from its upper side and lightly push the bottom of the DIN-Rail clip into the track. The DIN Rail should comply with DIN EN50022 standard. Using wrong DIN rail may cause unsafe installation.

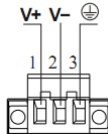


Grounding Screw

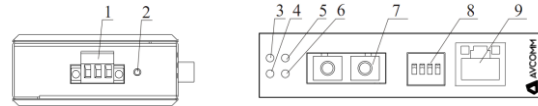
For avoiding system damage by noise or electric shock, establish a direct connection between the grounding screw and the grounding surface prior to connecting devices.

Wiring the Power Input

- 1) Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.
- 2) Tighten screws when the wire is connected.
- 3) Connect the power wires to suitable DC Switching type power supply.



• Appearance



1. Power input terminal
2. Grounding screw
3. Fiber indicator FDX
4. Power indicator PWR
5. Copper port full/half duplex indicator
6. Fiber port full/half duplex indicator
7. Fiber port
8. Dial switch
9. 10/100Base-TX port

• Dial switch

PIN	Status	Description
1	On	Link speed for network port is 100M
	Off	Link speed for network port is 10M
2	On	full duplex for fiber port
	Off	half duplex for fiber port
3	On	half duplex for network port
	Off	full duplex for network port
4	On	LFP disabled
	Off	LFP enabled



Note: The configuration can only be active when restarted.

• Indicator

LED	Status	Description
PWR	Green On	Power is in normal condition
	Green Off	Power is abnormal or power failure
FDX	Green On	Link is ready
	Green Blinking	Link is established
RJ45	Green On	100Base network is ready
	Green On	100Base network is established
	Amber Blinking	100Base network is established
	Amber On	10Base network is ready or link failure
	Green Off	10Base network is ready or link failure
	Amber Blinking	10Base network is established
	Amber Off	Link is not ready or link failure
DPX1	Green On	Link in full duplex mode
	Green Off	Link in half duplex mode
DPX2	Green On	Fiber port in full duplex mode
	Green Off	Fiber port in half duplex mode

• Safety Precautions

- Keep DC power off before connecting to the terminal block connectors and ensure all connections are secure established.
- Do make sure that models connect to the corresponding supply voltage. The device is to be supplied by Limited Power Supply. The relay contact supports 0.5 A current, DC 24V
- **Do not touch the surface of the converter while it is in operation!**

• Support

At AVCOMM, you can use the online service forms to **request the support**. The submitted forms are stored in server for AVCOMM team member to assign tasks and monitor the status of your service. Please feel free to write to info@avcomm.us if you encounter any problems.

• Warranty

5-year Global warranty are available for AVCOMM products assuring our customers that the products shall remain free from defects in workmanship or materials and conform in all material respects to AVCOMM specifications, or purchasers supplied and accepted specifications. The warranty is limited to the repair and/or replacement, at AVCOMM sole discretion, of the defective product during its warranty period. The customer must obtain a Return Merchandise Authorization (RMA) approval code prior to returning the defective Product to AVCOMM for service. The customer agrees to prepay shipping charges, to use the original shipping package or equivalent, and to ensure the product or assume the risk of loss or damage in transit. repaired or replaced products are warranted for ninety (90) days from the date of repair or replacement, or for the remainder of the original product's warranty period, whichever is longer.

• Disclaimer

AVCOMM reserves the right to make changes to this QIG or to the product hardware at any time without notice. It is the user's responsibility to determine whether there have been any such updates or amendments herein.

Defects, malfunctions, or failures of the warranted Product(s) caused by damage resulting from unforeseeable incidents (such as lightings, floods, fire, etc.), environmental and atmospheric disturbances, other external forces such as power line disturbances and surge, host computer malfunction and virus, incorrect power input, or incorrect cabling, incorrect grounding and damages caused by misuse, abuse and unauthorized alteration or repair are not warranted.