



## RUGGEDCOM DATASHEET

# Media converters

Ethernet media converters are designed to bridge the gap between copper and fiber-optic network segments, reducing installation and configuration costs.

**[usa.siemens.com/ruggedcom](http://usa.siemens.com/ruggedcom)**

To ensure the utmost in reliability, the RMC family products are tested to the most stringent international EMI and environmental standards. The RUGGEDCOM Media Converters provide a high level of immunity to electro-magnetic interference and heavy electrical surges typical of environments found in electric utility substations, curb side traffic control cabinets, industrial manufacturing, and process control. An operating temperature range of -40°C to +85°C coupled with hazardous location compliance (Class 1 Division 2), and optional conformal coating allows the RMCs to be placed in almost any location.

The RMC product family was specifically designed to provide years of maintenance free operation for all your mission-critical, real-time control applications. The reliability of the media converters exceeds those of commercial devices by having no rotating parts (i.e. no cooling fans),

utilizing high temperature solid state components and incorporating the necessary transient and surge suppression circuitry required for electrically harsh environments. All RMC family products are packaged with a high reliability, integrated power supply (24V, 48V, or HI Voltage options) and enclosed in a rugged galvanized steel enclosure suitable for DIN-rail mounting or panel mounting.

All RUGGEDCOM products are backed by a five year warranty and unsurpassed technical support.

### Common features

- High immunity to EMI and heavy electrical surges
- Fail-safe relay
- -40°C to +85°C operating temperature (no fans)
- Fully integrated power supply
- Universal high-voltage input: 120 V AC/DC and 230 V AC/DC
- Low voltage DC input: 12 VDC, 24 VDC or 48 VDC



[RUGGEDCOM General information](#)  
[Technology Highlights](#)  
[RUGGEDCOM Knowledge Zone](#)

# SIEMENS

### **RUGGEDCOM RMC**

#### **Ethernet media converter (copper-to-fiber)**

- 10BASE-T to 10BASE-FL
- 100BASE-TX to 100BASE-FX

Data Sheet:

[RMC](#)

Installation Guide:

[RMC](#)



### **RUGGEDCOM RMC20**

#### **Serial media converter (copper-to-fiber)**

- RS485/RS422/RS232 conversion to multimode fiber and back to; vice-versa

Data Sheet:

[RMC20](#)

Installation Guide:

[RMC20](#)



### **RUGGEDCOM RMC30**

#### **2-port serial device server**

- RS232/RS422/485 serial to IP conversion
- 1 x RS232, or RS422/485, and 1 x 10/100BASE-TX

Data Sheet:

[RMC30](#)

User Guide:

[RMC30](#)

Installation Guide:

[RMC30](#)



### **RUGGEDCOM RMC40**

#### **4-port Ethernet media and speed converter**

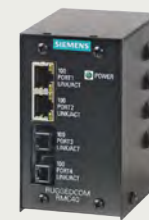
- 10/100BASE-TX to 100BASE-FX or 10/100BASE-TX
- Provides media and speed conversion
- Unmanaged switch

Data Sheet:

[RMC40](#)

Installation Guide:

[RMC40](#)



### **RUGGEDCOM RMC41**

#### **2-port Ethernet media and speed converter**

- 10/100BASE-TX to 100BASE-FX converter

Data Sheet:

[RMC41](#)

Installation Guide:

[RMC41](#)



### **RUGGEDCOM RMC8388**

#### **Compact time protocol converter**

- PTP (IEEE 1588) to IRIG-B (AM or TTL)
- PTP (IEEE 1588) to PPS
- IRIG-B AM to PTP (IEEE 1588)
- Grand master clock

Data Sheet:

[RMC8388](#)

User Guide:

[RMC8388](#)

Installation Guide:

[RMC8388](#)



#### **Legal Manufacturer**

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