RUGGEDCOM DATASHEET

Cellular routers

4G LTE cellular routers provide high bandwidth and reliable remote data communication over long distances.
usa.siemens.com/ruggedcom

Designed to operate reliably in harsh environments, the RUGGEDCOM cellular routers product family provides a high level of immunity to electromagnetic interference and heavy electrical surges typical of environments found in utility substations, rail applications, and oil and gas operations. An operating temperature range of -40°C to +85°C coupled with hazardous location compliance and optional conformal coating allows the cellular routers to be placed in almost any location.

The RUGGEDCOM cellular routers 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 cellular

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

RUGGEDCOM General information
Technology Highlights
RUGGEDCOM Knowledge Zone

Product family RUGGEDCOM cellular routers
Ordering overview

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RUGGEDCOM RM1224
4-port Fast Ethernet switch

• One digital input and one digital output
• 2 SMA ports for Wireless WAN Interface (4G/3G/2G with uplink speeds up to 100 Mbit/s
• 4 x 10/100BASE-TX
• C-/KEY-PLUG slot for configuration storage

Data Sheet:
RM1224

User Guide:
RM1224

Installation Guide:
RM1224

RUGGEDCOM RX1400
Multi-protocol intelligent node

• Integrated power supply
• 4 x 10/100BASE-TX, 2 x 1000BASE-X SFP
• Optional 2 R-SMA interface for WLAN interface (Access Point/Client)
• 2 x Serial ports RS232/422/485
• Optional LTE 4G cellular modem
• Optional virtual machine environment
• Dual SIM support for fail-over between carriers

Data Sheet:
RX1400

User Guide:
RX1400

Installation Guide:
RX1400

RUGGEDCOM RX1500 product family
Layer 2 and layer 3 switch and router

• Support 2 and layer 3 switch and router

Line modules for RX15xx (includes cellular line modules)

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