



Main

Range of product	Trio Licensed Radios
Product or component type	Base radio
Network frequency	450...518 MHz (H-Band)
Transmission rate	12.5 KHz at <= 60 kbit/s 25.0 kHz at <= 120 kbit/s
Power range	59 W: transmit 14 W: receive
Radio power	40.0 dBm

Complementary

Forward error correction	Dynamic truncated interleaved BCH encoding
Channel access management	Token grant channel management
Exchange mode	Full duplex
Modulation Technique	O-QPSK 16-QAM 64-QAM
Integrated connection type	Ethernet port, 2 RJ45, 10/100 Mbps 2 serial port, DE-9 RS232/RS485, 300...115200 bps USB port, USB type A Antenna, N socket
Connector type	Power supply and digital input/output: 1.0 x screw terminal (10.0 poles)
Communication port protocol	TCP (Transmission Control Protocol) UDP (User Datagram Protocol) SNMP v3 SNMP v1 SNMP v2 ICMP HTTP HTTPS Telnet SSH
Communication service	NAT router Quality of Service (QoS) Robust Header Compression NTP client/server SNMP client/server TCP/UDP serial server Time stamped events management
Communication gateway	Modbus gateway
Ethernet service	VLAN
Function available	QoS-based automatic RF speed Selection Configuration via web server Remote configuration with Telnet/SSH Diagnostic via web server Diagnostic with Telnet/SSH
Operating mode	Layer-2 ethernet bridge mode Layer-3 IP router mode
Encryption protocol	AES 256 AES-GCM
Cybersecurity	RADIUS based user authentication Certificate based authentication
Input voltage	11...30 V DC

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Length	436.0 mm
Width	45.0 mm
Height	424.0 mm
Net weight	5.0 kg
Mounting support	19" rack

Environment

Housing material	Sheet steel
IP degree of protection	IP50
Standards	ETSI EN 300 113 ETSI EN 302 561 ETSI EN 301 489 EN 60950 EN 50385 EN 50383 EN 300 019-2 EN 300 019-3 FCC CFR 47 part 15 FCC CFR 47 part 90 RSS 102 RSS 119 AS/NZS 4295 AS/NZS 60950-1 RSS GEN
Ambient air temperature for operation	-40...70 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	5...95 % 40 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.226 kg
Package 1 Height	9.0 cm
Package 1 width	50.0 cm
Package 1 Length	52.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins