

DEFENSE

Aqeri

96103

Mobile Router

Aqeri 96103 Mobile Router and Integrated Ethernet switch is based on Cisco 5915 Embedded Service Router. The Aqeri 96103 is a small form factor product designed to be deployed in areas with the most demanding environments. A typical scenario is deployed vehicles where space and weight is critical.

The Router has integrated Ethernet switching function and Aqeri field proven ASCC functions (Aqeri Supervisor and Climate Control). The Aqeri 96103 has a designed filtering system to comply with MIL-STD-461E Army Ground levels. As an option Aqeri 96103 can be ordered as a TEMPEST SDIP-27 Level A certified product to comply with NATO compromising emanations standards.

Features:

- > Ideal for C4ISR Areas
- > For use in harsh environments
- > Fully sealed aluminum chassis
- > Integrated Climate Control
- > 9-32 VDC for vehicle applications



TECHNICAL SPECIFICATIONS

Routerboard: Cisco 5915 Embedded Service Router

CONNECTORS

AMC Advanced Military Connectors: 6
100Mbit Ethernet Routed Parts: 2
100Mbit Ethernet Switched Parts: 3
Console Port: 1
Purge button: 1

PHYSICAL CHARACTERISTICS

Dimensions: 150 x 75 x 220mm (WxHxD)
Weight: 3 kg
Color: Green, other optional

ELECTRICAL SPECIFICATIONS

Power requirements: 9-32 VDC
Power consumption: Max 12W at 28VDC (excluding heaters)

ENVIRONMENTAL CHARACTERISTICS

Designed to fulfill
(other standards on request): MIL-STD-461E Army Ground Level
MIL-STD-1275D
MIL-STD-810G
European CE

TEMPEST SDIP-27 Level A, B, C:

Protection: Option
IP65
Temperature Operating: -40 °C to +70 °C
Vibration Operating
(depending on configuration): 5-500Hz 2,18g rms
Shock Operating
(depending on configuration): 40g, 11ms, ½ sine wave
Humidity: 5% to 95% non condensing
Altitude Operating: 3000m

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