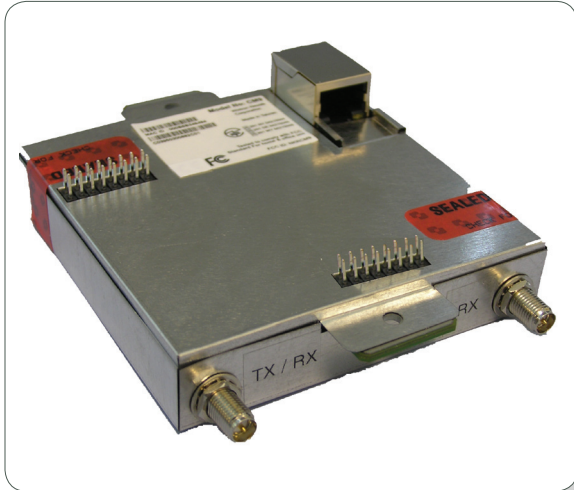


AirGuard OEM Data Point

3e-523-F2



3eTI's AirGuard® OEM data point enables economical wireless interfacing of various devices supporting Ethernet or serial interfaces. With security enhanced IEEE 802.11 wireless technology, costly installation cabling is eliminated. Any device installation can communicate to the data network wirelessly utilizing a 3eTI secure access point for connection to the wired network system. This system is transparent to the application software and provides network data security at a level appropriate for use in security sensitive applications.

The OEM data point is a stainless steel IP40 module that can be embedded into a third party enclosure. This option provides highly flexible integration for rapid deployment and time to market. The compact 4.30 in x 3.30 in x 1.10 in form factor of the data point allows for easy integration into your existing equipment to provide a secure wireless data link.

As part of an application, the data point provides a direct connection to the device using any of several communications interfaces. One 14-pin and one 16-pin header, both supporting RS-232, RS-422, or RS-485, are provided. The OEM data point communicates with 3eTI wireless access points to form a secure wireless network for the device data. The low voltage DC power supply requirement enables ease of use in battery, solar, or vehicle installations.

The OEM data point supports flexible deployment options with multiple WiFi operation modes, including AP mode, client mode, and bridging mode. In bridging mode, the data point can perform as a mesh networking node for smaller mesh networks where single radio operation is acceptable. Security is enhanced to feature 802.11i / WPA2, WPA and WEP modes, in addition to FIPS 140-2.

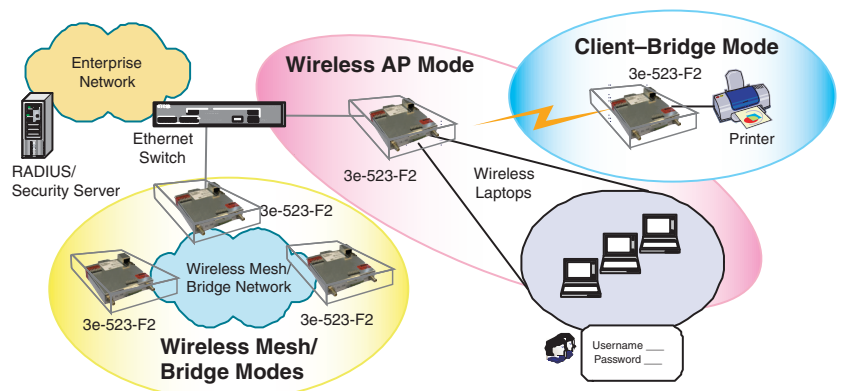
BENEFITS

- Reduces deployment costs & time
- Supports multiple wireless data points on highly secure WLAN
- Integrates with multiple device technologies through flexible interface
- Flexible: system additions or modifications easily accomplished with wireless connections
- Rapid time to market with stainless steel IP40, FIPS 140-2 validated™ module
- VLAN in AP mode

FEATURES

- Stand-alone AP, bridge, client, & mesh modes
- Data & reports accessible via wireless LAN
- FIPS 140-2 Validated™ crypto modules
- IEEE 802.11a/b/g
- Designed as OEM Model

FLEXIBLE DEPLOYMENT MODELS



3eTI

Ultra
ELECTRONICS

SPECIFICATIONS

HARDWARE

ELECTRICAL INTERFACE

- 5 volts DC power supply @ 3 Amps

INTERFACE COMMUNICATIONS

- Ethernet 10/100 baseT with RJ-45 jack
- RS-232 / 422 / 485 with DB-15 connector

PHYSICAL CHARACTERISTICS

- Size: 4.30 in x 3.30 in x 1.10 in
- 16-pin, double row, 100 mil header
- 14-pin, double row, 100 mil header
- Ethernet 10/100 baseT with RJ45 jack
- R-SMA antenna connectors (2x)
- Weight 6 oz

SOFTWARE

DEVICE MANAGEMENT

- Web Server / HTTPS
- SNMP Agent
- SNMP Trap

TOOLS AND UTILITIES

- Ping utility
- Trace route utility
- Firmware upgrade via web
- Reboot device
- Factory default
- NTP (Network Time Protocol)

WIRELESS FEATURES

- Multiple RFs
 - 802.11a/b/g for AP & bridge
- Operation mode (user configurable)
 - Access Point
 - Bridge
 - Client (Client-Bridge)
 - Mesh
- Self-forming, self-configuring, self-organizing mesh
- Security:
 - WPA2 / 802.11i (AES-CCMP)
 - FIPS validated
 - MAC address filtering
 - AES 128, AES 192, AES 256
 - Email notification

ENVIRONMENTAL

- Operating Temperature: -40° ~ +72° C standard;
- Storage Temperature: 40° ~ +80° C

ABOUT 3eTI

3e Technologies International (3eTI), an Ultra Electronics company, is a leading provider of highly secure wireless networks that enable critical systems security, infrastructure security and industrial automation for the military, government, industrial and utility markets. Its product portfolio includes proven and robust secure wireless mesh networks, sensor networks, cyber security, and perimeter security solutions, deployed for a range of applications, including military base security, onboard military ship communications, rapidly deployable public safety communications, and advanced metering infrastructure for SmartGrid programs. 3eTI's platforms are approved for use by the most stringent and demanding customers: the U.S. military.



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