

EAGLE E-SERIES® - RTU REMOTE TERMINAL UNIT



HIGHLIGHTS

- Fully Programmable
- Access to Large Process Library & Pre-Configured Applications
- Measurement based on AGA & API standards
- Support for Multiple Meter Runs & Control Schemes on One Platform
- Available in Pre-wired Enclosures or Rack Panels Ready to Use
- Simple Start-up for Fast ROI
- Cross Platform Compatible



APPLICATIONS

- Complete Automation for All Industry Segments: Upstream, Downstream and Midstream
- Gate Stations
- Large Multi-Run Metering Stations
- Custody Transfer Points
- Compressor Stations
- Tank Batteries
- Well Pad Automation
- Custom Applications



Field to Front Office Solutions™

TECHNICAL SPECIFICATIONS

Features

- Enclosure: Rugged, UV Resistant Polycarbonate, Hinged & Lockable
- Mounting: Pole, Wall

Display Options

- Single Line Alphanumeric Static
- Four Line Alphanumeric Scrolling
- Mag Scroll or Optional Push Button

Power

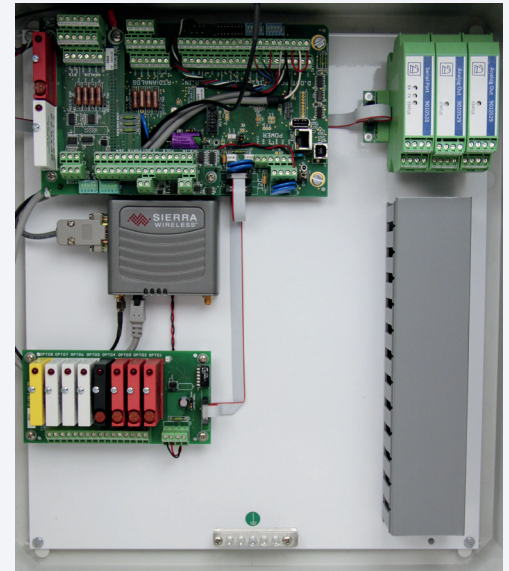
- Input Power: 7 to 30 VDC
- Integrated Solar Charger: up to 20W

Performance

- Processor: ARM-Dual Core 32 Bit at 48 MHz
- SRAM Memory: 4MB (Mega Bytes)
- SPI Flash Memory: 4MB (Mega Bytes)
- Support for Months / Years of Data Storage, Dependent on Configuration
- A/D: 16-Bit Analog to Digital Conv. with Optional HART Filtering
- Serial Speeds up to 921600 BPS may be Limited by Field Hardware

Operating Temperature

- -40°C to +70°C (-40°F to +160°F)



AVAILABLE INPUT & OUTPUT (I/O)

Available On-Board

- Optional USB Host & USB Device Ports
- Optional Ethernet Port (8 - Simultaneous)
- (2) Serial Ports (RS232 / RS485) with On-Board Power Control for Communications Devices
- (4) Analog Inputs (4-20mA/1-5VDC) with optional HART filtering
- (1) RTD (Temperature Probe)
- (2) Form A / Form C Pulse Input
 - High and Low Speed Operation

- (2) Form C Solid State Relays
- (2) Digital Outputs
- (2) Digital Inputs

Optional Expansion Modules

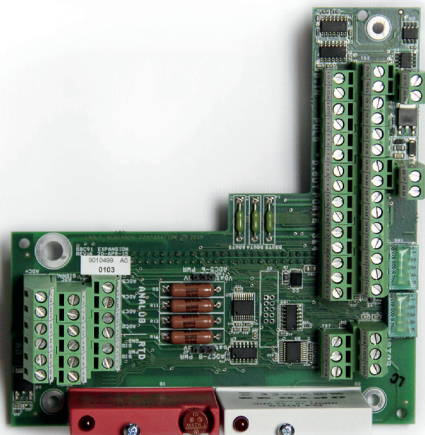
- Serial Port (RS232 / RS485) with On-Board Power Control for Comm Devices (9010552)
- 3 Channel Analog Output Module (9010551)
- 8 Channel Optically Isolated Digital I/O Module (9010534)

Communications & Data Collection

- USB & Serial Field Laptop Interface
- Ethernet TCP-IP (Supports Simultaneous Connects)
- Land Line Telecom Modem
- Cellular
- Satellite (LEO & GEO)
- Radio (Spread Spectrum & Licensed Frequency)

- Protocols: ERC-HexASCII (Native), MODBUS, & MODBUS TCP

OPTIONAL EXTENDER BOARD (9010499)



- (2) Serial Ports (RS232 / RS485)
- (4) Analog Inputs (4-20ma / 1-5VDC)
- (1) RTD (Temperature Probe)
- (2) Form A / Form C Pulse Input
 - High and Low Speed Operation
- (3) Digital Outputs
- (3) Digital Inputs
- (2) OPTO 22 G4 Package Slots
 - IAC, IDC, OAC, & ODC
- (1) Analog Output (4-20ma/1-5VDC)