Universal WEB Station (UWS) Specifications

• Physical -
  o Dimensions: 3 inches DIA x 2.5 inches x 1.7 inches
  o Mounting: Bulkhead, DIN, GUAC Explosion Proof Enclosure
  o Connections:
    ■ RS-232, Two, Male 9 Pin Subminiature D connector. IBM AT standard
    ■ Power & RS-485, Plug & Play, Wire Range 28 – 14 AWG
    ■ Ethernet 10baseT RJ45 connector
  o Indicators:
    ■ Power (Green).
    ■ Reset (Red)
    ■ Ethernet Link (Green) connection
    ■ Ethernet Activity (Yellow)
    ■ TX (Yellow) activity. One for each RS-232 and RS-485 ports. (3 Total)
    ■ RX (Yellow) activity. One for each RS-232 and RS-485 ports. (3 Total)

• Electrical -
  o Supply Voltage: 11 to 26 VDC
  o Current draw: Nominal 170 mA, 300 mA max
  o CPU: Industrial Hardened Microcontroller
  o Real Time Clock: Perpetual
  o Battery: Internal, 3 Volt Lithium CR2032, commonly available

• Software -
  o Supported Protocols:
    ■ HTTP
    ■ SMTP
    ■ FTP
    ■ Telnet
    ■ AGM Data Handler (DH)
    ■ AGM Integrated Control Station (ICS)
    ■ Modbus(ASCII/RTU/TCP/IP)
    ■ DF1, Half-Duplex
    ■ DNP
    ■ ASCII
    ■ MGD (ADFM)
    ■ Sti Automation Ultrasonic Sensor
  o Features:
    ■ Web Server
      ■ Built-in Pages
      ■ Custom Pages
      ■ Display selected data
    ■ Messaging/E-Mail
      ■ Periodically
Universal WEB Station (UWS) Specifications

- Event
  - Data Translation - Any supported protocol to any supported protocol (32 variables max)
  - Switching and Routing - Any port to any port based on address range. (Compatible protocols only)
- Configuration
  - Locally
  - Remotely via Ethernet HTTP connection and standard web browsers
  - FTP - Download custom pages or messages
  - Real Time Clock - Date and time stamp of activity
  - Memory - 1 Megabyte Flash memory for configuration, custom web pages and messages
  - Supervisory Control – Remotely control devices (Requires custom web page. May also require programming in connected device)
- Custom WEB Page Titles: Up to 3 lines
- Date and time:
  - Setting
  - Display format
- Security settings:
  - One master administrator
  - Up to 3 alternate users
- Addressing:
  - IP Address
  - Subnet mask
  - TCP Port
- TCP/IP Port Assignment Protection: Changes will be confirmed by reconnecting within specified period of time.
- Protocols: Individually selectable for each of the 4 ports
- Baud rates: Individually selectable for each of the 4 ports (300, 1200, 9600, and 19200 supported)
- Addresses: Individually selectable for each of the 4 ports. For some protocols, addressing may be done on an individual variable.
- Timing: Update interval may be selected for each port
- Variable: Up to 32 values may be selected for translation. For each value, one source port and up to 3 destination ports may be selected.
- Master Protocol Modes: Collect or update translated data individually. Device address may be specified as well as variable address for each of the 32 values.
- Data Display: Selected variables are also available for HTML pages
- E-Mail address, SMTP server: messaging interval and one alarm value may be set
Universal WEB Station (UWS) Specifications

- **Configuration Interface:**
  - Settings configured via HTML pages
  - Custom web pages downloaded via FTP
  - Custom E-Mail page downloaded via FTP
  - Configuration may be saved or restored via FTP
  - Configuration may be cloned via FTP

- **Ports Interface:**
  - Port A, RS-232
  - Port B, RS-232
  - Port 4, RS-485
  - Port T, Ethernet TCP/IP

- **Messaging:**
  - Built in message displays single user selectable value
  - Custom message can display any or all of the 32 defined translation values
  - Message may be initiated on a user defined interval or event
  - Single value only

- **Environmental -**
  - **Operating Temperature:** -30 to 80 degrees C
  - **Operating Humidity:** 5 to 95%.

- **Warranty –**
  - 7 years, Transferable