

Network Display

H8936 & H8932



H8936

H8932

Modbus to Bridgepoint

FEATURES

- Large 1" x 4" backlit LCD with adjustable brightness control for easy viewing
- Multi-color LED shows alarm status at a glance
- Pass-through communications to other Modbus® devices*
- Easy keypad setup
- Monitor a variety of Veris power transducers from a single location

*Other Modbus devices must respond to the "Report Slave ID" command (11h) to allow pass-through communications from upstream network.

DESCRIPTION

The H8932/H8936 serves as a display for Modbus data. The product sits in series between downstream metering devices & the upstream master, providing a display of the data passing through it. Registers of the H8238, H8035, H8036, E50Cx, and E51Cx energy monitors can be viewed. The E30 and E31 meters are also supported, but the H8932/H8936 only presents a subset of the most important data points measured. The H8936 is enclosed in a box for easy installation, while the H8932 is available with no box for fast mounting to a panel.

APPLICATIONS

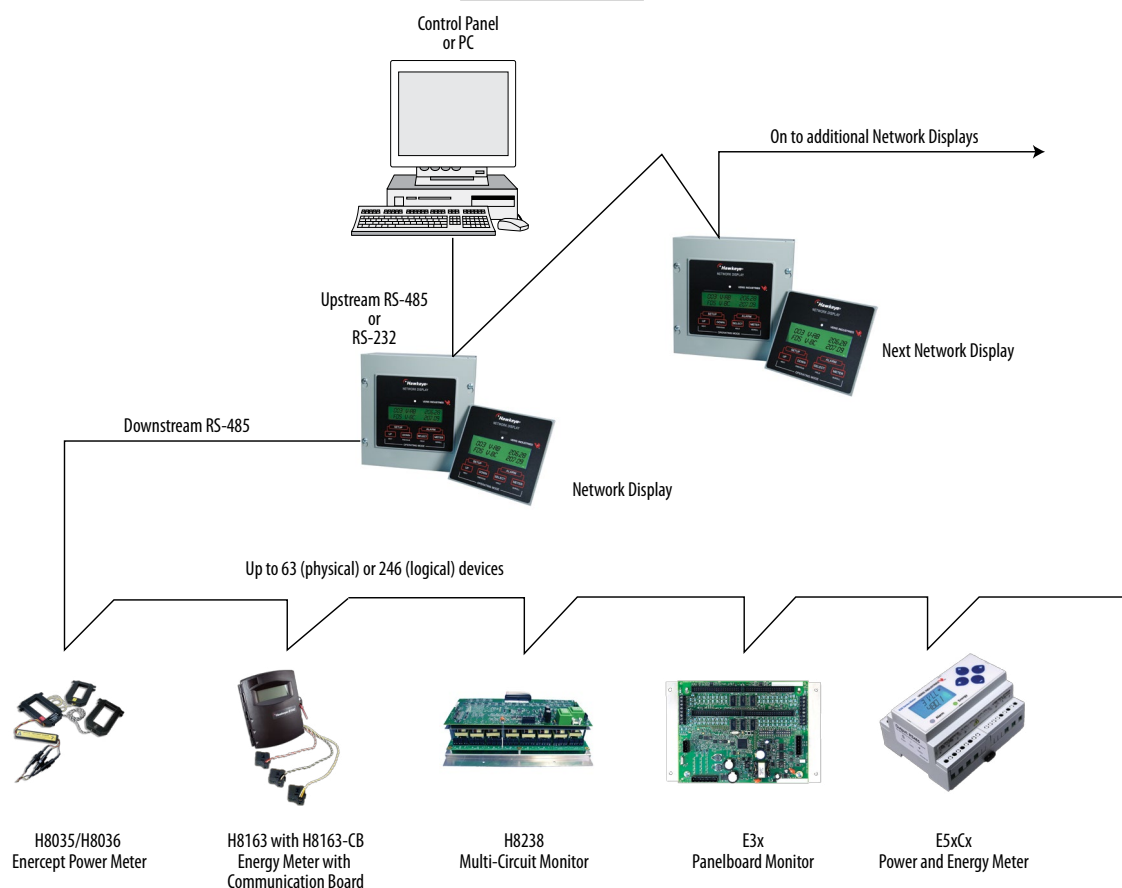
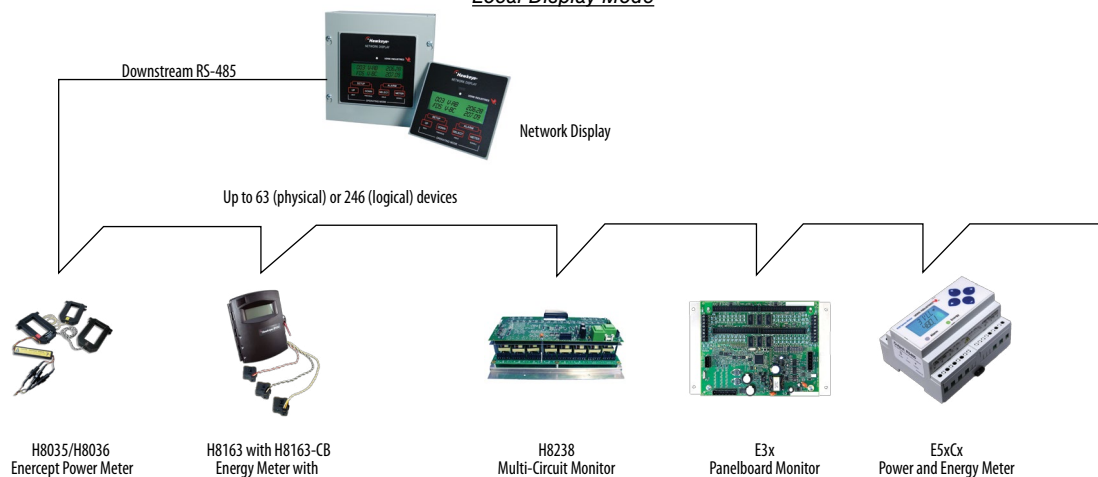
- Allocating load-based costs
- Managing loads
- Overload protection
- Collecting energy data
- Tenant submetering

SPECIFICATIONS

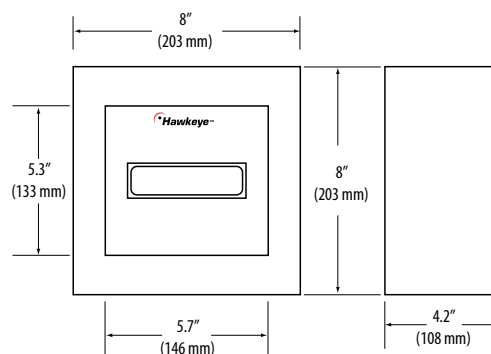


AC Power Source	120VAC 50/60Hz, line-to-neutral; internal fuse
Fuse Ratings	200mA@250 5x20 mm Fast-Blow
AC Power Voltage Tolerance	(90-132VAC) for 120V
AC Power Frequency	50/60 Hz
AC Power Termination	2-position Euro-style pluggable connector (max. wire size 12 gauge)
Alternate DC Power Source	12VDC, 300mA external current limiting required (auxiliary input disabled if line connected)
Terminal Block Torque	4.9 in-lb (0.56 N-m)
Operating Temp Range	0° to 50°C (32° to 122°F); <95% RH non-condensing; indoor use only
Storage Temperature Range	-20° to 70°C (-4° to 158°F)
NETWORK COMMUNICATIONS	
Interface	Downstream: RS-485; Upstream: RS-485, RS-232
Protocol	Modbus RTU
Baud Rate	UI-selectable 2400, 4800, 9600, 19200
Parity	UI-selectable NONE, ODD, EVEN
Communication Format	8 data bits, 1 start bit, 1 stop bit
RS-485	¼ load transceivers; duplex is UI-selectable 2-wire or 4-wire; 5-position Euro-style pluggable connector
RS-232 (Upstream only)	DCE, no handshaking; DB-9 connection; pin 2: transmitted data from display; pin 3: received data to display; pin 5: ground
Terminal Block Torque	4.4 in-lb (0.5 N-m)
UI-SWITCH INPUTS	
Number/Function	Four (METER, UP, DOWN, SELECT)
AUXILIARY INPUT (REMOTE ALARM)	
Type	Contact closure or pull-to-ground (10 mA max.)
Isolation	Optical to 2500VAC
Sense	UI-selectable N.O. or N.C. (i.e. Closed = Alarm or Open = Alarm)
Terminal Block Torque	3.5 to 4.4 in-lb (0.4 to 0.5 N-m)
LCD	
Size	1" x 4" visible area, 2 lines x 16 characters per line
Backlight	Green, UI-adjustable brightness in 10 steps
Status (Tri-Color LED)	Green = normal operation; Yellow = warning; Red = alarm

APPLICATION EXAMPLES

Network Host ModeLocal Display Mode

DIMENSIONAL DRAWING



ORDERING INFORMATION



MODEL	DESCRIPTION
H8936	Modbus network display enclosed in NEMA box
H8932	Modbus network display panel mount, no box

Other protocols are available. Consult factory.