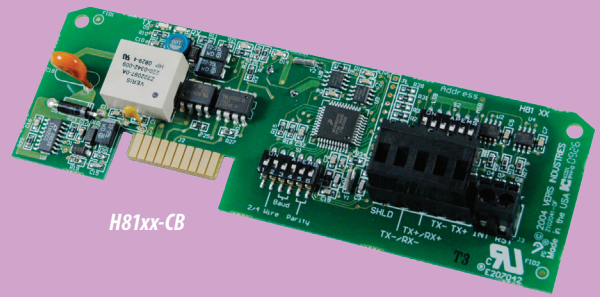


# Communications Boards for H81xx Series Energy Meters

Available with Modbus, BACnet, or N2 Protocols



## DESCRIPTION

With the optional H81xx-Communications Board, the H81xx Series energy meters connect easily to control/data systems networks using Modbus, BACnet, and Metasys (N2) protocols. The H81xx-CB reports energy and power diagnostic information including kW, kWh, kVAR, PF, amps, volts, and more.

The H81xx-CB is easy to install in the field. On-board switches provide a convenient means of setting network configuration parameters such as parity, baud rate, and network wiring (2-wire or 4-wire).\* Status LEDs provide quick confirmation of successful installation.

\* Does not apply to H8126-CB

## APPLICATIONS

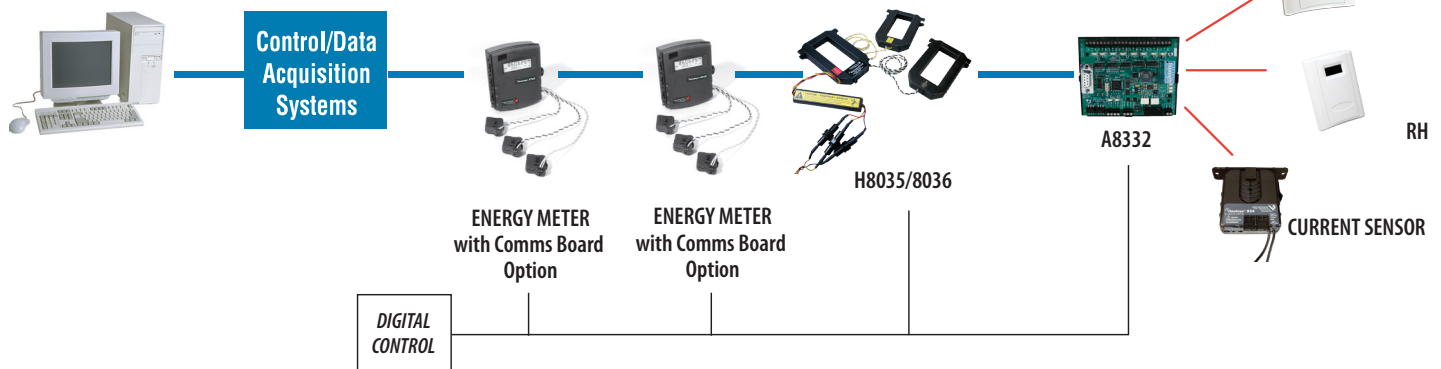
- Commercial tenant submetering
- Performance contracting
- Cost allocation
- Real-time power monitoring through control/data acquisition systems
- Facility trending

## FEATURES

- Easily network to existing systems via RS-485 connection
- Field-selectable parity: odd/even/none\*
- Works with 2-wire and 4-wire systems\*
- Field-selectable baud rate: 2400, 4800, 9600, or 19200 (9600, 19200, or 38400 for H8186-CB)
- Measure interval demand and sub-interval demand

\* Does not apply to H8126-CB

## MODBUS APPLICATION/WIRING EXAMPLES



## ORDERING INFORMATION



MODEL	DESCRIPTION
H8163-CB	Modbus Communications Board for H81xx Series
H8186-CB	BACnet Communications Board for H81xx Series
H8126-CB	Metasys N2 Communications Board for H81xx Series

For other communication protocols, contact factory.  
For Modbus to LON conversion, use H8163-CB and H8920-3 gateway.

**ATTENTION**  
H81xxCB Series interfaces are sold as open devices. Observe handling precautions for static sensitive devices to avoid damage to the circuitry which would not be covered under the factory warranty.

## ACCESSORIES

- Modbus TCP Gateway (U013-0012)
- BACnet IP Router (U013-0013)
- Lon Node (H8920)

