



OPTERGY PROTON WEBSERVER

CONNECTING SMART METERS TO THE INTERNET
VIA RS-485 OR ETHERNET (*PREFERRED*)
NETWORK COMMUNICATIONS CABLING

1. INSTALL SMART METER(s)*
& PROTON DAS APPLIANCE
2. RUN COMMUNICATIONS
BETWEEN PROTON-DAS
AND SMART METER
3. CONNECT PROTON TO
INTERNET VIA STATIC IP,
WI-FI, OR CELL MODEM
4. CALL TBWC TECH FOR
START-UP & TRAINING



ADDITIONAL SMART METER(s)
(RS-485 OPTION)

STRAIT THRU DAISY-CHAIN ONLY

*REFERENCE METER INSTALL
TECH SHEET FOR MORE INFO.

OPTERGY PROTON (FRONT VIEW)

(TOP VIEW)

RS-485 COM PORTS
(4) METER INTERFACES
MAX RUN EA = 4000 FT

RS-485 BACNET MSTP OR MODBUS RTU CABLE

CAT5e/6 ETHERNET MODBUS TCP/IP OR BACNET IP

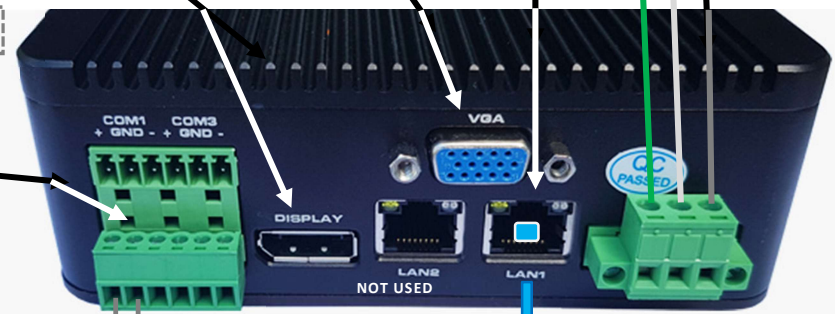


PROTON 24-VOLT
POWER SUPPLY
INCL W/PROTON

ETHERNET IP PORT
INTERNET INTERFACE

HDMI DISPLAY PORT
(DISPLAY OPTIONAL)

VGA MONITOR
(NOT INCLUDED)



120/208/240V
POWER SOURCE

PROTON ACCESS VIA THE INTERNET:
FROM ANY BROWSER ON ANY SMART DEVICE
OR LAN, WAN, PC, SERVER, VIA WIRELESS
CYBER SECURE ROUTER OR CELL MODEM, ETC.



ADD'L SMART METER(s)
AND ETHERNET IP SWITCHES
(1) 5-PORT SWITCH SUPPLIED WITH DAS