

NEW

SERIAL INPUT (RS232/485/USB) REMOTE DISPLAY
FOR HI-REL, MIL-SPEC, NUCLEAR & INDUSTRIAL

MODEL
HI-QREM



5 Digit Red



SIDE VIEW

← 1.75 →
 1" On Request

FEATURES:

- Five Digits 0.6" LED
- RS232, RS485, USB Inputs
- USB Powered
- 5, 12, 24, 48 or 7-32 VDC Powered
- Intensity Control
- Standard 8N1, ASCII
- Aluminum Machined Nickel Plated Case
- Captive Plug-In Screw Terminal Connector
- Lifetime Warranty (LTD)



5 Digit Green

REAR VIEW



ZERO

SPAN

2.80" X 1.310" PANEL CUTOUT
 BEZEL: 2.91 X 1.52"

DESCRIPTION

O TEK's **HI-QREM** was designed under **D.O.D.** specifications to bring the latest technology to our Armed Forces replacing old obsoleted technology.

The **HI-QREM** (Remote Panel Meter) accepts RS232, RS485 and the new standard **USB V2** and can even be powered by it with a maximum of "2 Loads" (200mA @ 5VDC). The **HI-QREM** accepts and displays modified alpha characters for messages such as TEST.

DISPLAY INTENSITY can be externally adjusted via a short potentiometer or via serial commands.

LAMP TEST: Just send 6 DP and 8s.

ADDRESSING of the **HI-QREM** is up to 255 units. The **HOUSING** is made out of machined aluminum nickel plated (or Mil-Spec painted) and the connector is screw type "Captive" for high shock and vibration environments. A gasket is supplied for **NEMA 4X** compatibility. An optional EMI/RFI filter is available. **Sanitary & Explosion Proof** cases can be pipe, panel, wall or conduit mounted.

Mil-Std. 461, 901, 810, 167 and others are available upon request.

POWER INPUT can be 5, 7-32 or 48 VDC or **USB** powered consuming a maximum of 1 Watt (less with lower intensity for dark environments).

Simple industry standard ASCII characters are accepted as well as mnemonic commands (ie. SNNNMMMMM). Settings are "8N1" with baud rates from 300 to 19,200.

SPECIFICATIONS (Industrial)

(at 25°C & 5VDC)

- Digits: 5 ea. 0.6" High with 5 D.P.
- Power Consumption: 1 Watt @ 5 VDC
- Isolation For Power Input: 500VDC
- Baud Rate: 300 to 19,200 (9600 Default)
- Characters: ASCII Codes 0-9 & Modified Alpha & DP
- Hardware Handshake: None Required
- Operating Temp: 0-60°C, NEMA 4X
- Storage Temp: -20 + 80°C
- Humidity: 5-95% RH, Non-Condensing
- Sanitary Case: To 250°F Steam Cleaning
- Explosion Proof For CLASS I, Div. 1 & 2 Certified
- Calculated MTBF: >100,000 Hours (12+ Years)
- Warranty: Lifetime (LTD)

Note 1: Above specifications are for Industrial Grade. Contact OTEK for other grades.

520-748-7900

FAX: 520-790-2808
 E-MAIL: sales@otekcorp.com
<http://www.otekcorp.com>

OTEK™
CORP.
 SINCE 1974

4016 E. TENNESSEE ST.
 TUCSON, AZ. 85714 U.S.A.

MADE
 IN
 USA



