

The **MDN19** multi-functional digital display syncs to an internal or external NTP (Network Time Protocol) source for accurate, USNO legally traceable time.



## Standard Features

- 1 in (2.5 cm) red LEDs
- Supports CS5, CS3, IRIG-B1, NTP
- Fully configurable via supplied Windiscovery software, Telnet or SSH
- Configurable to time zone and daylight saving time offsets
- Configuration is saved to non-volatile memory and survives power losses
- Display time in 12 or 24 hr format – hh:mm:ss
- Display hundredths of second
- Adjustable brightness levels
- Visibility: 50 feet (15 meters)
- PM indicator

## Specifications

### HOLDOVER ACCURACY

- With loss of power, device reverts to an internal battery-backed real-time clock chip with accuracy of  $\pm 1$ min/year or  $< 165$ ms per day

### NETWORK COMPATIBILITY

- Supports NTP, DHCPv4, DHCPv6 for automatic acquisition of network address, name servers, and timeserver configuration
- Supported network protocols: Telnet/SSH
- SNMP with custom MIB
- IPv4, IPv6 compliant

## CONNECTORS

- RJ45 for TCP/IP, IRIG-CS-3 or IRIG-CS-5246
- BNC for IRIG-B1 or IRIG-CS-3
- USB for configuration
- IEC AC Power

## POWER

- International 115/230, 50/60 Hz
- Power consumption:  $< 15$ W

## OPERATING PARAMETERS

- Temperature: 0 to 60°C
- Humidity: Up to 90% (non-condensing)

## PHYSICAL

- Black metal chassis
- Size: 10.7w x 1.72h x 4.34d in (27.2w x 4.37h x 11d cm)
- Weight: 1 lb (0.45 kg)

## COMPLIANCE

- FCC, ROHS, CE Marked, ANSI

**5-YEAR LIMITED PARTS & LABOR WARRANTY**      **MADE IN THE USA**

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