

### CLKNTD12-DF

#### FEATURES

- Syncs to any NTP source for accurate traceable time
- Complete flexibility in daylight saving time configurations
- Uses standard Ethernet wiring
- Fully configurable via supplied Windiscovery software
- Front indicator light provides synchronization status
- Microprocessor-controlled stepper motor with sweeping second hand for quiet operation
- Battery-backed real time clock chip in case of loss of synchronization or power

#### SPECIFICATIONS

##### Holdover Accuracy

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

##### Network Compatibility

- > Supports DHCPv4, DHCPv6 for automatic acquisition of network address, name servers, and timeserver configuration
- > Internet protocols: TELNET/SSH, SNMP
- > IPv4, IPv6 compliant

##### Connectors

- > Ethernet RJ45
- > IEC 320 AC input

##### Options

- > 12/24-hour face
- > 24-hour face
- > Face plate illumination
- > Stainless steel case



##### Configuration

- > Configure devices through provided WinDiscovery software or Telnet/SSH
- > Configuration is saved to nonvolatile memory and survives power losses
- > Authenticated network messages prevent unauthorized tampering of clock configuration

##### Power

- > 90-265 VAC 50/60 Hz
- > IEC AC power connector and cord
- > PoE (Power over Ethernet) option available

##### Operating Parameters

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

##### Physical

- > Weight: 11 lb (5 kg)
- > Size: 12.5 in (31.8 cm) w, 6 in (15.2 cm) h
- > Black powder-coated steel chassis
- > Polycarbonate lens
- > Ceiling/wall mount bracket provided

##### Compliance

- > FCC
- > CE Marked
- > ROHS
- > ANSI