The NTDS84-DF Digital Clock syncs to any NTP (Network Time Protocol) source for accurate and traceable time. The unit configures to time zone and Daylight Saving Time parameters and can be powered via PoE.

Standard Features

- Double-faced, 7 in (18 cm) 4-digit LED display
- LED available in red, green, blue or amber
- Syncs to any NTP or SNTP source for accurate and traceable time
- Retains time and date during loss of power and/or reference using a battery backed real-time clock (RTC) chip and maintenance-free rechargeable battery
- Configures to time zone and Daylight Saving Time
- WinDiscovery software utility included for easy configuration of clocks and generators within a network
- Fully configurable network settings, including DHCP / STATIC IP
- Configuration is saved to non-volatile memory and survives power losses
- Password protection prevents unauthorized tampering
- Display time in 12- or 24-hr format – hh:mm
- Display date – mm:dd
- Configurable to alternate showing date and time
- PM indicator
- Wall mount bracket
- Adjustable brightness levels with scheduled dimming
- Visibility: 350 feet (100 meters)

Options

- Side wall-mount bracket

Pair with the **RC1000** or **RC600** to add count-up and count-down timer control functionality

Specifications

LED available in red, green, blue or amber

CONNECTORS

- Ethernet RJ45
- IEC AC Power
- DC input
- USB for configuration

POWER

- Choice of IEC AC, PoE (IEEE802.3af), or DC (24 VDC)
- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 15W

OPERATING PARAMETERS

- Temperature: 0 to 60°C
- Humidity: Up to 90% (non-condensing)
- Storage Temperature: -40° to 185° F (-40° to 85°C)
- Storage Humidity: Up to 90% (non-condensing @ 25°C)

PHYSICAL

- Black metal chassis
- IP Rating: IP40
- Size: 26w x 10h x 4.5d in (66w x 25.4h x 11.4d cm)
- Weight: 11.7 lbs (5.3 kg)

MTBF

- 86,700 - 100,000 hours
  All calculated using Fixed/Ground Mil HDBK 217F assumption

COMPLIANCE

- FCC, ROHS, CE Marked, ANSI