

The **NTDS8646** 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. WinDiscovery software is included.



Pictured with optional 3-digit alpha

Standard Features

- 7 in (18 cm) 6-digit LED top display; 4 in (10.2 cm) 6-digit bottom 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:ss
- Display date - mm:dd:yy, dd:mm:yy or yy:mm:dd
- Dual time display
- Wall mount bracket
- Adjustable brightness levels with scheduled dimming
- Visibility: 350 feet (100 meters)

Options

- Stainless steel case (**NTDS8646-SS**)
- 3-digit alpha LED (**NTDS8646-3L**)
- Ceiling mount bracket
- Flush-mount case

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
- USB for configuration



POWER

- 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 powder-coated steel chassis
- IP Rating: IP40
- Size: 39.4w x 15h x 2.63d in (100w x 38h x 6.7d cm)
- Weight: 24 lbs (11 kg)

MTBF

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

COMPLIANCE

- FCC, ROHS, CE Marked, ANSI

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

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