

The **NTDS16** Digital Clock syncs to any NTP (Network Time Protocol) source for accurate traceable time. The unit configures to time zone and Daylight Saving Time parameters and can be powered via PoE. WinDiscovery software is included.



## Standard Features

- 1 in (2.5 cm) 6-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:ss
- Display time & date or UTC & local time
- Display date - mm:dd:yy, dd:mm:yy or yy:mm:dd
- PM indicator
- Auto alternate display between date and time
- Adjustable brightness levels with scheduled dimming
- Visibility: 50 feet (15 meters)

## Options

- Surface mount (desktop version)
- Rack mount (NTDS16-RM)
- Tilt-wall bracket

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



## Specifications

### CONNECTORS

- Ethernet RJ45
- DC input
- USB for configuration
- IEC C5 A/C Power

### POWER

- Choice of: IEC AC, Power over Ethernet (IEEE802.3af) or DC (24 VDC)
- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 8W

### 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
- Surface mount (desktop version)
- Size: 10.7w x 1.7h x 3.5d in (27.2w x 4.31h x 8.9d cm) Weight: 1.0 lbs (0.45 kg)
- Size with rack-mount: 16.9w x 1.7h x 3.5d in (43w x 4.31h x 8.9d cm) Weight: 1.73 lb (0.78 kg)

### MTBF

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

### COMPLIANCE

- FCC, ROHS, CE Marked, ANSI

LED available in red, green, blue or amber



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