

The **TCDS16** Digital Clock syncs to IRIG-B, SMPTE and EBU time codes for accurate and traceable time. The unit configures to time zone and Daylight Saving Time parameters. WinDiscovery software is included.



LED available in red, green, blue or amber

pictured: TCDS16 Desktop Version

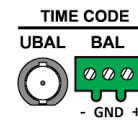
Standard Features

- 1 in (2.5 cm) 6-digit LED display
- LED available in red, green, blue or amber
- Reads IRIG-B, SMPTE 12M, 309M, 24/25/30 fps, 29.97 drop frame
- 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
- 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)

Specifications

CONNECTORS

- BNC female
- 3-pin terminal block
- USB for configuration
- 2.1 mm female DC power plug
- IEC C5 A/C Power



POWER

- Choice of IEC AC or DC (24 VDC)
- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 6W

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



TCDS16-RM

Options

- Rack mount version (TCDS16-RM pictured above)
- Surface mount (desktop version, pictured top)
- Tilt-wall bracket

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



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