

The **TCDS19** 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

## Standard Features

- 1 in (2.5 cm) 9-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 through USB
- 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 with three-digit day of year
- Display time & date or UTC & local time
- Display date - mm:dd:yy, dd:mm:yy or yy:mm:dd
- PM indicator
- Configurable to alternate showing date and time
- Adjustable brightness levels with scheduled dimming
- Visibility: 50 feet (15 meters)

## Options



- Surface mount (desktop version, shown above)
- Rack mount (TCDS19-RM)
- Tilt-wall bracket

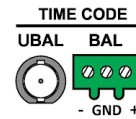
Pair with the **RC1000** or **RC600** to add count-up and count-down timer control functionality



## Specifications

### CONNECTORS

- BNC female (UBAL)
- 3-pin terminal block (BAL)
- 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 < 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: 10.9w x 1.75h x 4.5d in (27.64w x 4.5h x 11.4d cm)  
Weight: 1.0 lbs (0.5 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

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

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