

The **TCDS29** 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

Masterclock®



LED available in red, green, blue or amber



TIME CODE

Standard Features

software is included.

- 2.3 in (5.8 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 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 date mm:dd:yy, dd:mm:yy or yy:mm:dd
- Auto alternate between date and time display
- · PM indicator
- · Adjustable brightness levels with scheduled dimming
- Visibility: 100 feet (30 meters)

Options

- Tilt-wall bracket
- Rack-mount bracket (2U)

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





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 < 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: 19w x 3.5h x 3d in (48.3w x 8.9h x 7.6d cm)
- Weight: 5 lbs (2.3 kg)

MTBF

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

COMPLIANCE

FCC, ROHS, CE Marked, ANSI