

TimeView® 210 Wired Display Clock

Model TV210W



- **Perfect for Time and Attendance Systems, General Displays, and Alarms.**
- **Highly Visible LED Digits**
- **Switch-Selectable 12/24-Hour Format**
- **Each clock can synchronize up to 32 other devices (clocks, Ethernet time servers, etc.)**
- **Accurate to 250 Milliseconds Relative to UTC**
- **Self-Adjusting after Power Interruption**
- **Five-Year Warranty**

The TimeView® display clock is an easy way to provide system-wide, synchronized time using a wired solution. Spectracom wired display clocks are synchronized to a NetClock® or Ethernet time server for Legally Traceable Time®.

Each clock can synchronize up to 32 other devices, creating a configuration that can span up to 4,000 feet. Spectracom TimeView model TV210W display clocks are visible up to 75 feet away.

Spectracom solutions provide Legally Traceable Time to synchronize your critical operations. Legally traceable time stamps provide necessary evidence and validation of events to reduce liability risks.

Performance

Timing Accuracy

± 250 milliseconds

Front Panel

Display

- Green LED standard; red LED optional, 12- or 24-hour
- 2.3" (58 mm) hours and minutes digits
- 1.0" (25 mm) seconds digits
- Visibility to 75 feet (23 meters)
- Seconds digits blink to indicate loss of time synchronization

Rear Panel

Selectable Functions

Set-up switches configure:

- Manual time set
- 12- or 24-hour display
- Brightness
- Settings retained in non-volatile memory

Input Port

RS-485 input three-position terminal block

- RS-485 over a balanced wire pair
- SmartBus automatically detects baud rate (1200-9600)
- SmartBus automatically detects required time code Format 0 or 1 from NetClock® master clock or wireless TimeView.

Output Port

Two RS-485 outputs three-position terminal block

- RS-485 repeater of input port signal
- Capable of driving wired wall clocks (TV210W/TV400W/TV312W)

Power

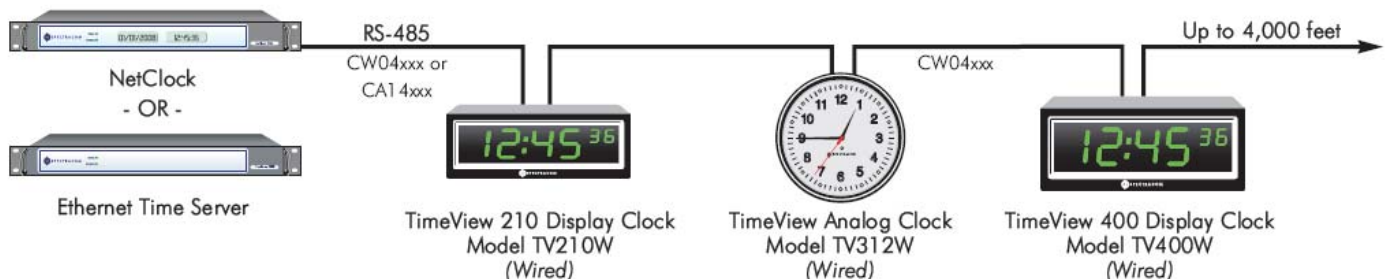
Power Supply

100-250 VAC, 47-63 Hz to 12 VDC @ 9.6 watts max. from external UL/CSA approved power supply. Re-order number: PS03-0T0J-WM01. Barrel-type power connector; 5.5 mm OD, 2.5 mm ID, female, center positive

Battery Back-Up

10-year storage/operating life lithium battery maintains internal time during power interruption

TimeView Installation



Physical & Environmental

Size/Weight

13" L x 4.9" H x 2.7" D, 2.2 lbs
(330 mm L x 124 mm H x 69 mm D, 1.0 kg)

Environmental

Operating Range: 32° to 140°F (0° to 60°C)

Storage Range: -40° to 185°F (-40° to 85°C)

Relative Humidity: 10-95%, non-condensing

AGENCY APPROVALS

UL/CSA (power supply)

Warranty

Five-year limited warranty

¹The warranty period may be dependent on country.

Ordering Information

TimeView® Display Clock

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Option 03

Event Alert System: top and bottom lights (LEDs) and internal buzzer

Option 05

Red Digits

Additional Accessories

Cable

CW04xxx: twisted pair wire to connect to TV210W to NetClock or other clocks

CA14xxx: RS-485 cable, where xxx = length in feet