

# 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

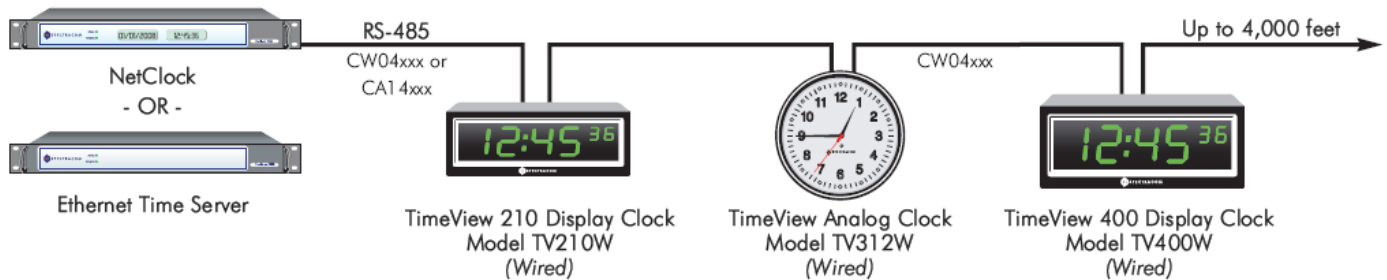
### Power Supply

100-250 VAC, 47-63 Hz to 12 VDC @ 9.6 watts max. from external UL/CSA approved power supply. Re-order number: PS03-0TOJ-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

## Ordering Information

### TimeView® Display Clock

TimeView® 210 Display Clock – Model TV210W

### 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