



# Wi-Fi Surface Mount Digital Clocks



## GENERAL INFORMATION

- Enclosure: ..... Black anodized aluminum frame
- Size: ..... Varies by model
- Weight: ..... Varies by model
- Visibility: ..... 2.5" digits–up to 125 feet; 4" digits–up to 200 feet
- Operating mode: ..... 12- or 24-hour selectable. AM/PM dot in upper left corner for 12 hour mode
- Display: ..... 7-segment LED, 2.5" or 4" high characters, red or green digits
- Mounting options:..... Included wall-mount bracket
- Brightness options:..... 3 user-selectable brightness levels
- Operating Temperature: ..... 32° -122° F (0° -50° C)
- Operating Humidity:..... 0 to 95% non-condensing
- Line Voltage: ..... 24VAC, 120VAC, or 220VAC - Part number dependent; see part number diagram for reference
- Wi-Fi: ..... 802.11n (802.11b/g compatible, 2.4 GHz only)
- Supported data rates: ..... 72, 65, 43, 29, 22, 14, 7 Mbps (802.11n)  
54, 48, 36, 24, 18, 12, 9, 6 Mbps (802.11g)  
11, 5.5, 2, 1 Mbps (802.11b)
- Security protocols:..... WEP, WPA/WPA2 and Enterprise (PEAPv0-MSCHAPv2)
- Configuration: ..... Clocks are designed to be pre-configured for plug-n-play installation (standard) and managed using the inCloud Management Portal. Clocks can also be individually configured via Wi-Fi client through web page interface. Supports DHCP or static IP addressing.
- Time synchronization: ..... Average time on the network is typically less than 10 seconds. Sync frequency is programmable from 1-12 hours. Staggered synchronization for unnoticeable network load with multiple clocks. Automatically adjusts for Daylight Saving Time changes.
- Time accuracy: ..... ±1 second to SNTP time server. Supports two static IP address time servers for redundancy or pool SNTP domain names.
- Battery backup:..... Up to 10 year battery backup for internal realtime clock.
- Warranty: ..... 3 Years
- Optional Calendar Clock Display Modes:

MM:DD:YY	DD:MM:YY	YY:MM:DD	M:D:YY	D:M:YY	YY:M:D
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## POWER CONSUMPTION

			Red	Green
24VAC	2.5"	4-digit	212mA	150mA
		6-digit	281mA	189mA
	4"	4-digit	212mA	150mA
		6-digit	281mA	189mA
120VAC	2.5"	4-digit	62mA	47mA
		6-digit	78mA	54mA
	4"	4-digit	62mA	47mA
		6-digit	78mA	54mA
220VAC	2.5"	4-digit	60mA	50mA
		6-digit	70mA	53mA
	4"	4-digit	60mA	50mA
		6-digit	70mA	53mA

## COMPLIANCE

- FCC Part 15 Class B
- ICES-003
- RoHS

Model # nomenclature

# W4DXX1XXX

(a) (b) (c) (d) (e) (f) (g)

a: Clock Type

W4D - Wi-Fi Digital

d: Number of Clock Displays

1 - Single Display

f: Mounting Type

S - Surface

b: Digit Size

2 - 2.5"

4 - 4"

e: LED Display Color

G - Green

R - Red

g: Power Type

A - 120V Molex plug

B - 24V Molex plug

K - 220V Molex plug

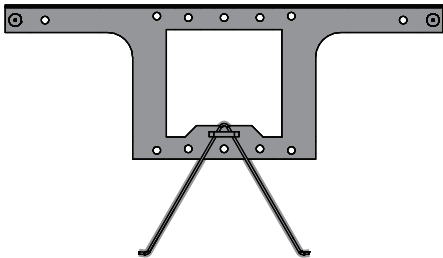
P - 120V 3-prong plug

c: Number of Digits

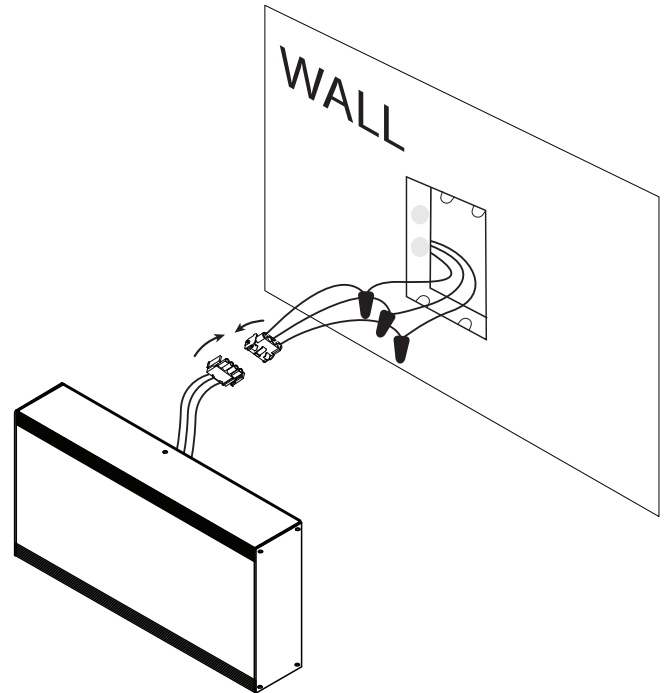
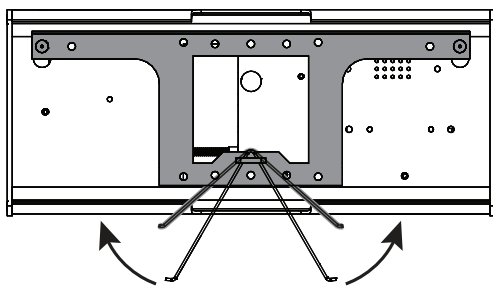
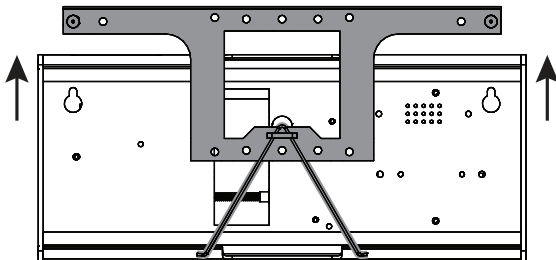
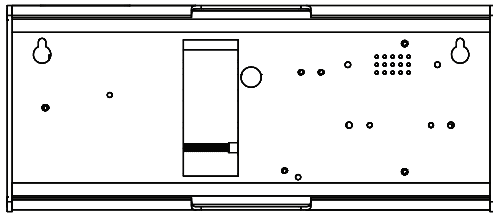
4 - 4-digit (hours and minutes)

6 - 6-digit (hours, minutes, seconds)

M - 6-digit w/ calendar



Included wall-mount bracket



Surface mount Molex wiring

At American Time, we continually strive to improve our products to meet our customers' needs and to provide the best possible value. The above specifications are believed to be correct, are subject to change without notice and may otherwise vary from the above. Please call if you need verification of any specifications or the suitability of a particular product for a particular application.

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## GENERAL INFORMATION

- Dimensions:.....4.63"h x 4.56"w x 1.25"d
- Weight.....0.27 lbs
- Distance of ATSTCS from clock: .....30' max. with 22 AWG stranded wire w/minimum 1/32" insulation
- Indications: .....2 second audible alarm (volume not adjustable)

## DESCRIPTION

The American Time Timer Control Station is used when measuring elapsed time is important. It can be wired to any 6-digit clock for UP/DOWN timing in Code Blue situations. The Code Blue feature provides an override that forces the clock into a special count-up elapsed time mode. No matter which of the three normal functions of the clock is being displayed, Code Blue input will cause the unit to begin counting elapsed time from 00:00:00. All other functions of the unit continue to operate in the background and will return to correct time after the count up duration.

The ATSTCS Control Station can be mounted to a double gang box, 1-1/2 inch deep or more. The ATSTCS Control Station can be mounted up to 30 feet away from the Digital Clock/Timer. The recommended minimum interconnecting field wire size is #22 AWG stranded wire. Ensure that installation conforms to the National Electrical Code and local wiring codes.

Part #	Description
ATSTCS	Timer Control Station

