

## SAP Series IP Square Clock (V5.5)

### Features:

- Available in 9" (22.8cm), and 12" (30.4 cm) dial sizes
- Offered in a stylish ABS case
- Power over Ethernet (802.3af standard)
  - Power and data are provided through one standard network cable (CAT 5, CAT 5e, or CAT 6)
- Provided with mounting hardware for easy installation
- Hour, minute, and second hands
- Quick correction for time change (max. 5 minutes)
- Microprocessor based movement
- Side molded, polycarbonate crystal

### Highlights:

- Built-in web interface - each clock has a built in web interface allowing the user to set, control, and monitor the IP clock
  - Built-in web interface settings include: Network settings, NTP server selection, UTC/GMT offset selection, automatic Daylight Saving Time adjustments, and much more!
- Receives time data from one of ten pre-programmed third party NTP servers (user changeable) for added reliability and redundancy. Alternatively, it can be set to receive the time data from an in-house NTP Server or from any Sapling Master Clock model.
- Built-in self-diagnostics and email alerts for:
  - NTP Synchronization Timeouts
  - Power resets
  - Hand position errors and corrections
- Interfaces with Sapling's IP Clock Monitor software which will allow the user to view, monitor, and send various commands to all IP clocks in the system
- Custom Color Cases available (minimum quantity 25)
- Designed and Produced by Sapling Inc. in Pennsylvania, United States of America



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### Specifications:

#### Case Material:

ABS

#### Case Color:

Standard black or white back case, metallic gray front rim (custom colors available)

#### Dial Face:

12 or 24 (military) hour standard  
Specialty dials available

#### Dial Material:

Durable polystyrene

#### Crystal Material:

Shatter-proof, side-molded, transparent polycarbonate

#### Data Protocols:

NTP, SNTP, Sapling Proprietary

#### Routing Protocols:

IPv4

#### Voltage Input:

48 VDC (PoE model)

#### Average Current Consumption:

70mA @ 48 VDC (PoE Class 1)

#### Hand tolerance:

Minute hand: +/- 1/4 minute

Second hand: +/- 1/2 second

#### Temperature range:

Operating: 32°F - 113°F (0°C - 45°C)

Shelf: 5°F - 167°F (-15°C - 75°C)

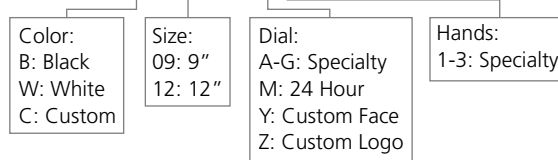
#### Compliance:

UL, cUL listed

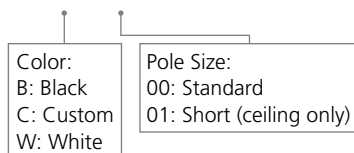


### Ordering Information:

SAP Series IP Square Clock: SAP-4XS-XXS-0-XX



Double Mount Pole: SAB-1XD-XXS-0



**Note:** Purchasing double mounted square analog clocks will require two clocks using the clock part number and one double mount pole using the part number above.

Examples:

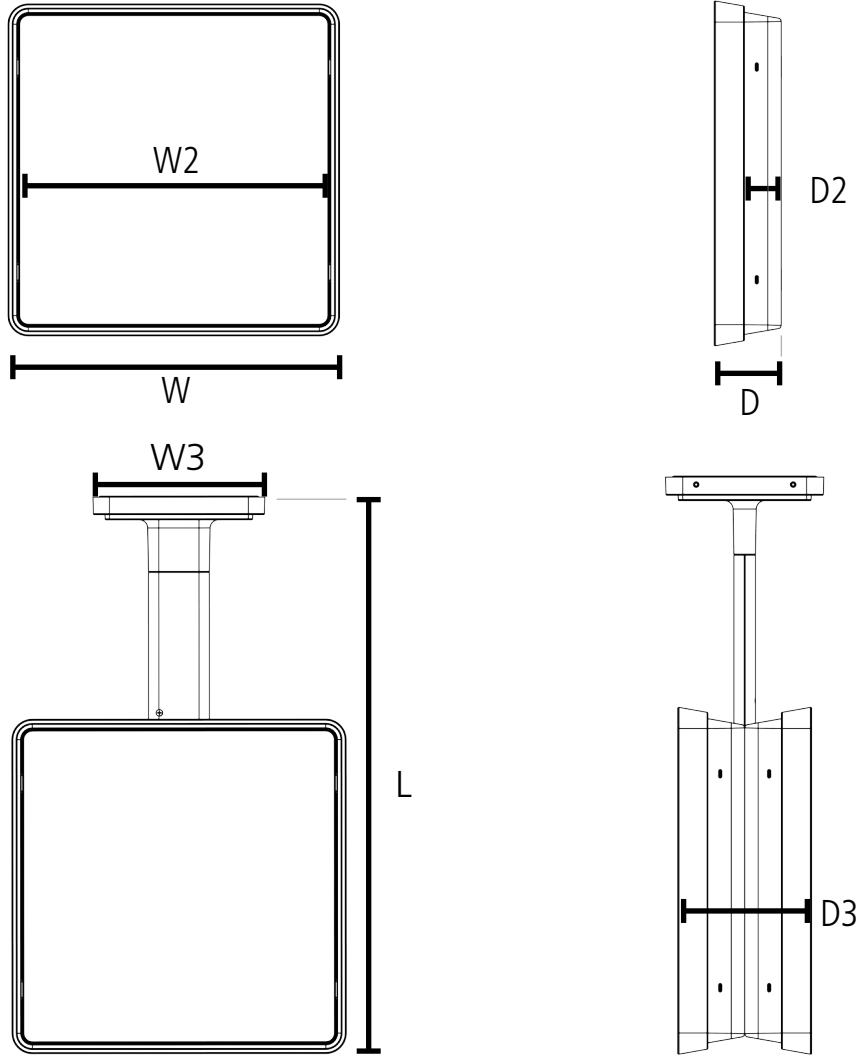
SAP-4WS-09S-0: Sapling Analog, IP, 9" Square, Surface Wall Mount, White Case with Metallic Gray Rim

SAP-4BS-12S-0: Sapling Analog, IP, 12" Square, Surface Wall Mount, Mineral Black Case with Metallic Gray Rim

Specification sheets may change without prior notice

## SAP Series IP Square Clock (V5.5)

### Sapling Square Analog Clock Dimensions



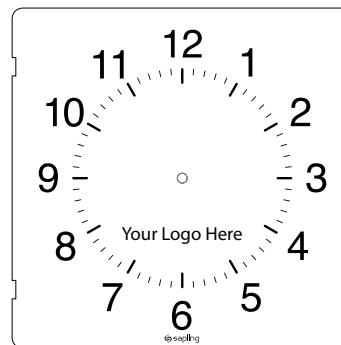
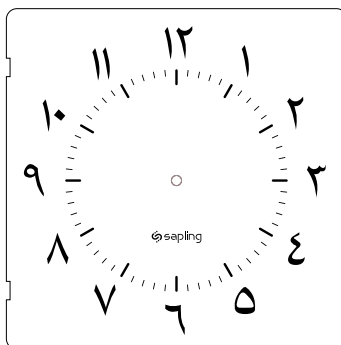
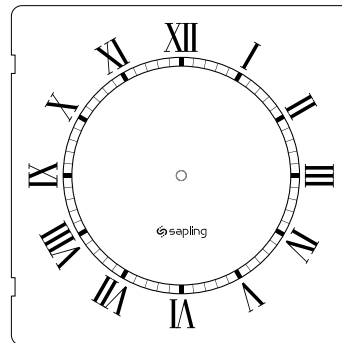
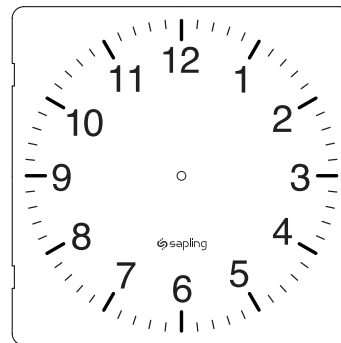
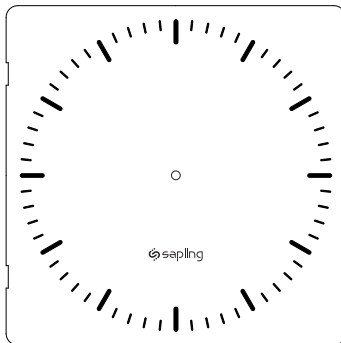
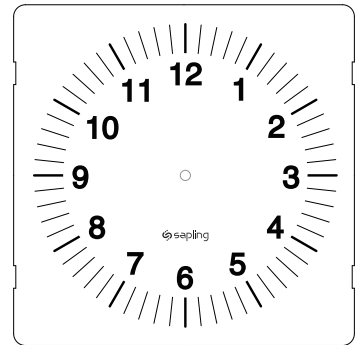
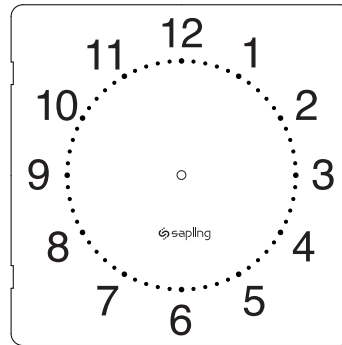
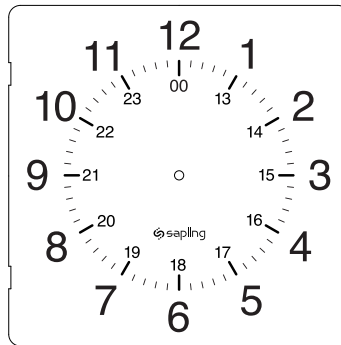
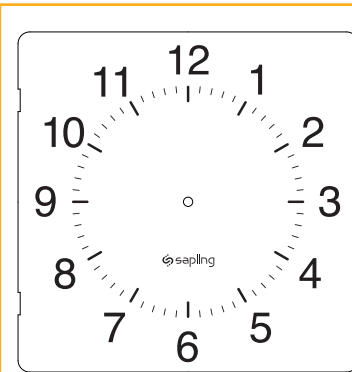
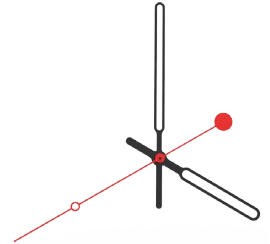
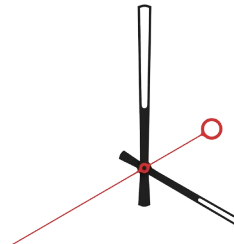
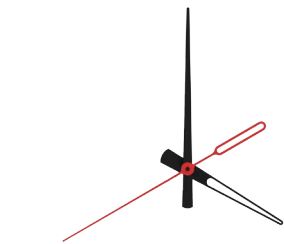
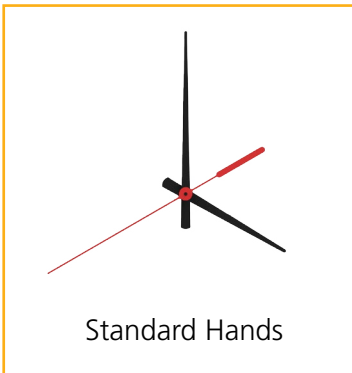
	<b>9" Square</b>	<b>12" Square</b>
<b>Clock Size:</b>	W = 9.79" (24.9cm) W2 = 8.97" (22.8cm) D = 2.44" (6.2cm) D2 = 1.34" (3.4cm)	W = 12.76" (32.4cm) W2 = 11.94" (30.3cm) D = 2.44" (6.2cm) D2 = 1.34" (3.4cm)
<b>Shipping Weight:</b>	3.0lbs (1.81kg)	4.0lbs (1.81kg)
<b>Double/Dual Mount Dimensions:</b>	W3 = 6.56" (16.7cm) D3 = 4.93" (12.5cm)	W3 = 6.56" (16.7cm) D3 = 4.93" (12.5cm)
<b>Adjustable Pole Height for standard pole*:</b>	L3 = 18.32" (46.5cm)	L = 21.12" (53.6cm) L = 19.35" (49.1cm)
<b>Shortened Pole Height:</b>	L = 12.38" (31.4cm)	L = 15.50" (39.3cm)

\***Standard** pole refers to part number SAB-1BD-00S-0

\*\***Shortened** pole (ceiling mount only) refers to part number SAB-1BD-01S-0

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## Hand & Dial Options



Specialty Hands 1-3 & Specialty Dials A-Z are offered at an additional cost.

For more information please contact your Sapling Representative.