

SAP Series IP Square Clock (V5.6)

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)

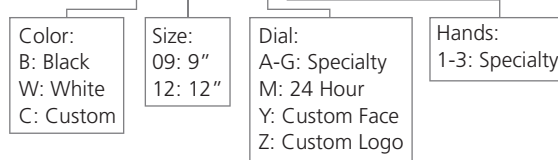
Compliance:

UL, cUL listed

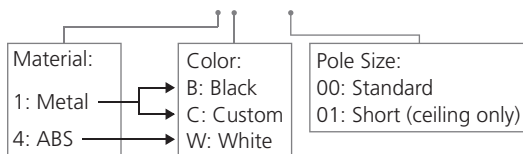


Ordering Information:

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



Double Mount Pole: SAB-XXD-XXS-0



*Standard length black poles will always be metal (SAB-1BD-005-0)
 *Short length black poles will always be ABS (SAB-4BD-015-0)
 *Standard length white poles will always be ABS (SAB-4WD-005-0)

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:

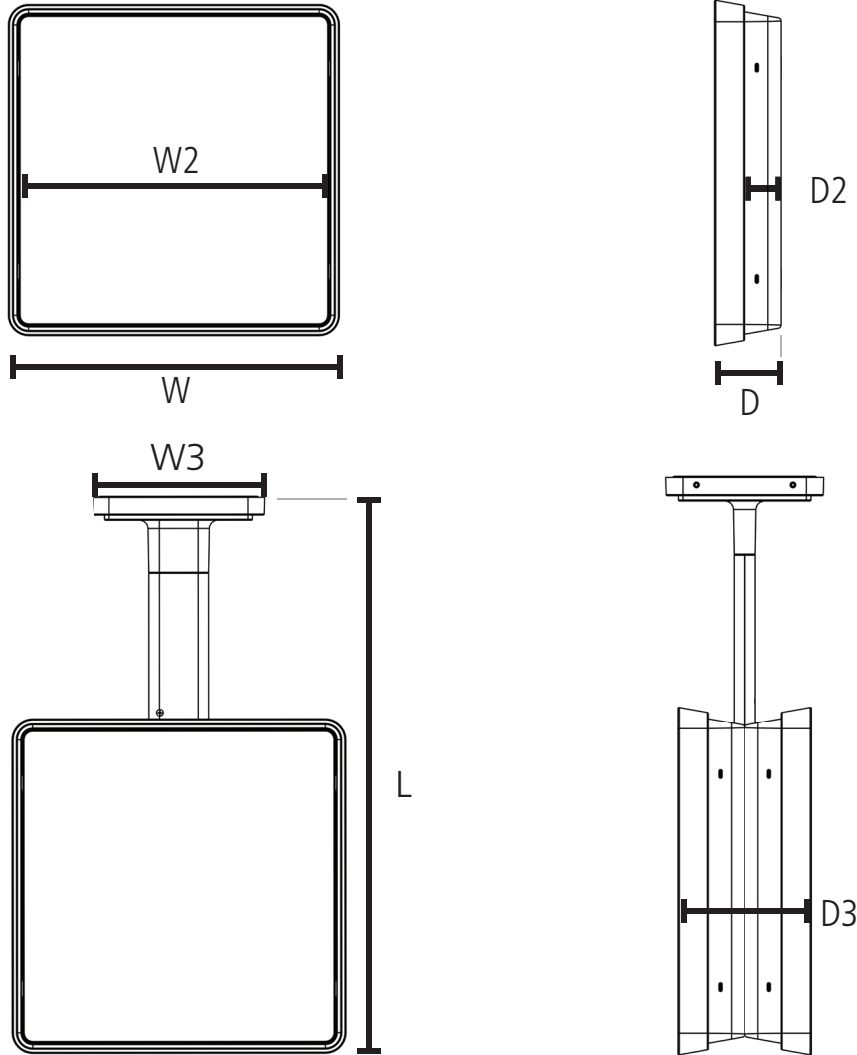
SAP-4WS-09S-0: Sapling Analog, IP, 9" Square, Surface Wall Mount, White Case with Metallic Gray Rim

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

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Sapling Square Analog Clock Dimensions



	9" Square	12" Square
Clock Size:	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)
Shipping Weight:	3.0lbs (1.81kg)	4.0lbs (1.81kg)
Double/Dual Mount Dimensions:	W3 = 6.56" (16.7cm) D3 = 4.93" (12.5cm)	W3 = 6.56" (16.7cm) D3 = 4.93" (12.5cm)
Adjustable Pole Height for standard pole*:	L3 = 18.32" (46.5cm)	L = 21.12" (53.6cm) L = 19.35" (49.1cm)
Shortened Pole Height:	L = 12.38" (31.4cm)	L = 15.50" (39.3cm)

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

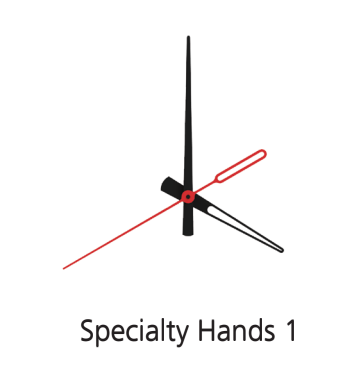
****Shortened** pole (ceiling mount only) refers to part number SAB-1GD-01S-0

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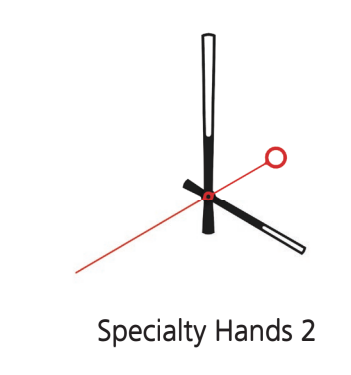
Hand & Dial Options



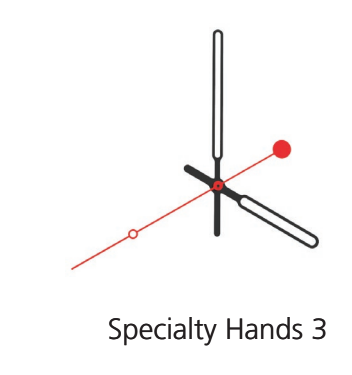
Standard Hands



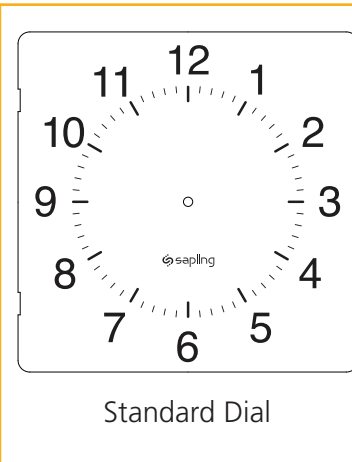
Specialty Hands 1



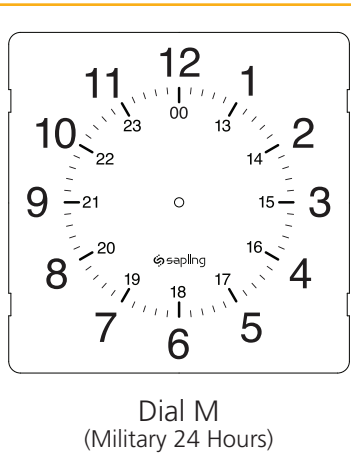
Specialty Hands 2



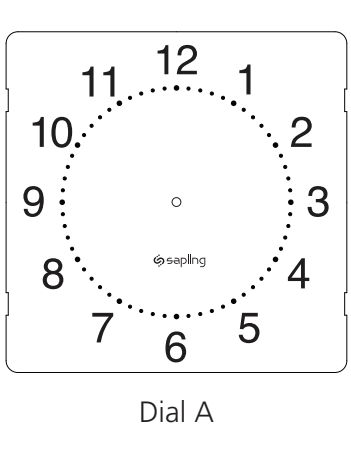
Specialty Hands 3



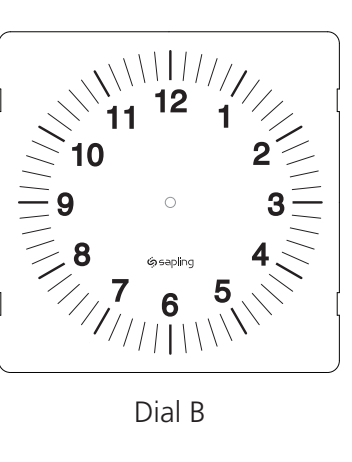
Standard Dial



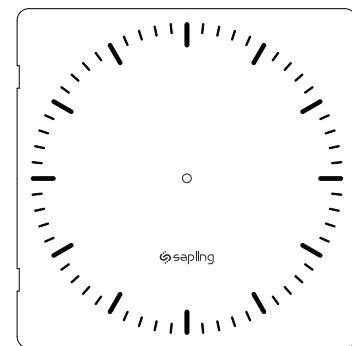
Dial M
(Military 24 Hours)



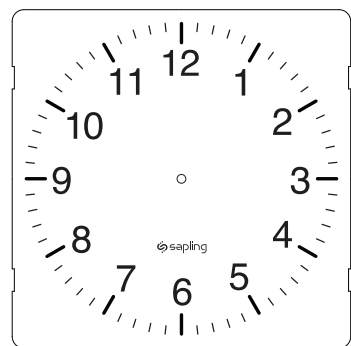
Dial A



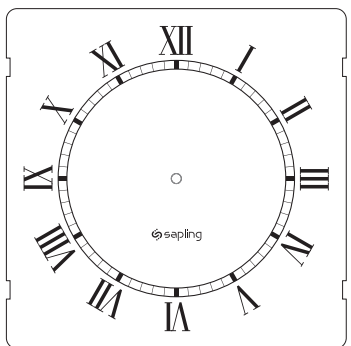
Dial B



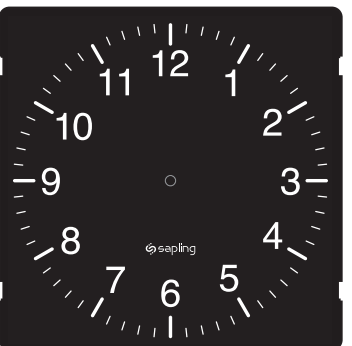
Dial C



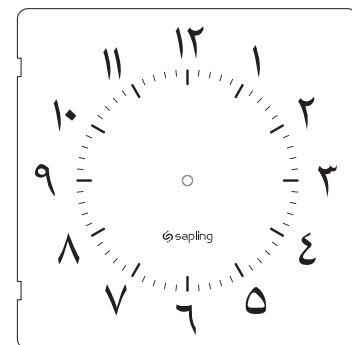
Dial D



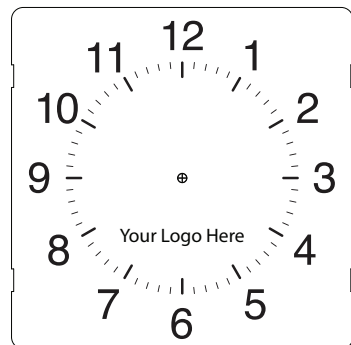
Dial E



Dial F



Dial G



Dial Z

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

For more information please contact your Sapling Representative.