



### **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





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

#### **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 avaliable

**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)

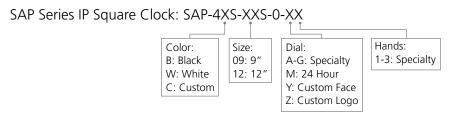
Shelf: 5°F - 167°F (-15°C - 75°C)

**Compliance:** 

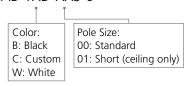
UL, cUL listed



#### **Ordering Information:**



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:

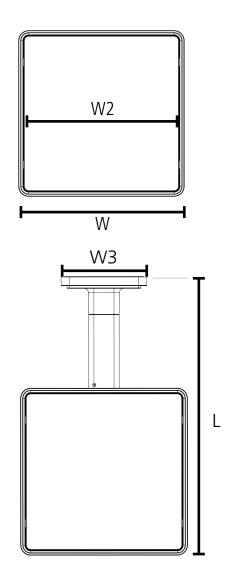
SAP-4WS-09S-0: Sapling Analog, IP, 9" Square, Surface Wall Mount, White Case with Metallic Gray Rim SAP-4BS-12S-0: Sapling Analog, IP, 12" Square, Surface Wall Mount, Mineral Black Case with Metallic Gray Rim

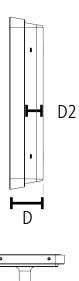


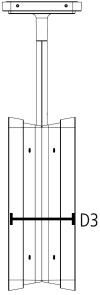


# **SAP Series IP Square Clock (V5.5)**

### **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-1BD-00S-0
- **\*\*Shortened** pole (ceiling mount only) refers to part number SAB-1BD-01S-0



#### Synchronized Clock Systems

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

### **Hand & Dial Options**





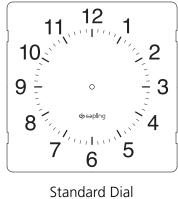


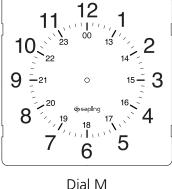


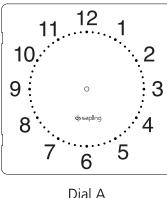
Specialty Hands 1

Specialty Hands 2

Specialty Hands 3





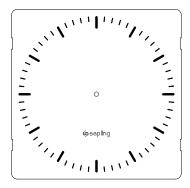


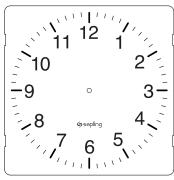


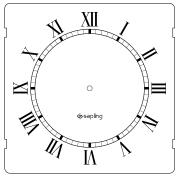
Dial M (Military 24 Hours)

Dial A

Dial B







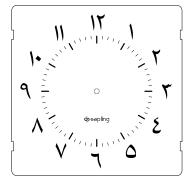


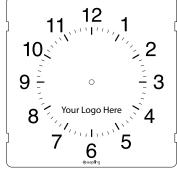
Dial C

Dial D

Dial E

Dial F





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

For more information please contact your Sapling Representative.

Dial Z