

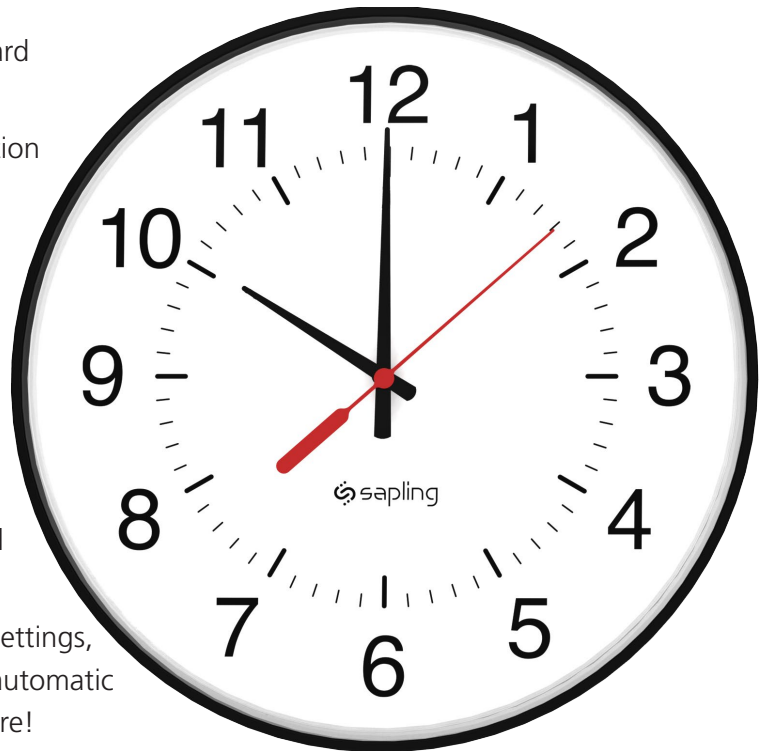
SAP Series IP Round Clock (V5.9)

Features:

- Available in 9" (22.8cm), 12" (30.4 cm), and 16"(40.6 cm) dial sizes
- Offered in a low-profile metal case or SlimLine ABS case
 - Optional Cherry Wood finish or Brushed Aluminium finish
- 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



Specification sheets may change without prior notice

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Specifications:

Case Material:

Steel or ABS.

Cherry wood finish or brushed aluminum finish for the SlimLine ABS case are also available.

Case Color:

Standard black finish (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 powered)

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)

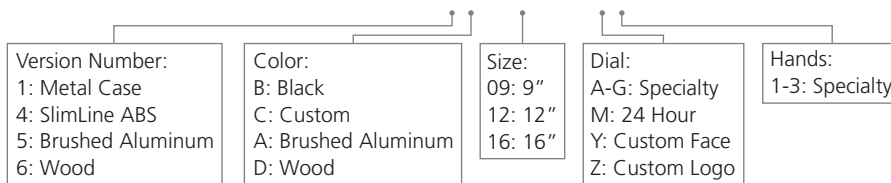
Compliance:

UL, cUL listed

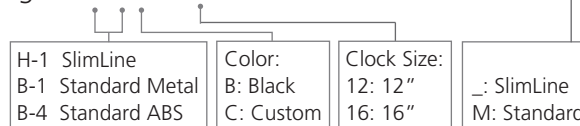


Ordering Information:

SAP Series IP Round Clock: SAP-XXS-XXR-0-XX



Double Mount Housing: SAX-XXD-XXR-0X



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

*Note: SlimLine and Aluminum clocks use the SlimLine Adapter.

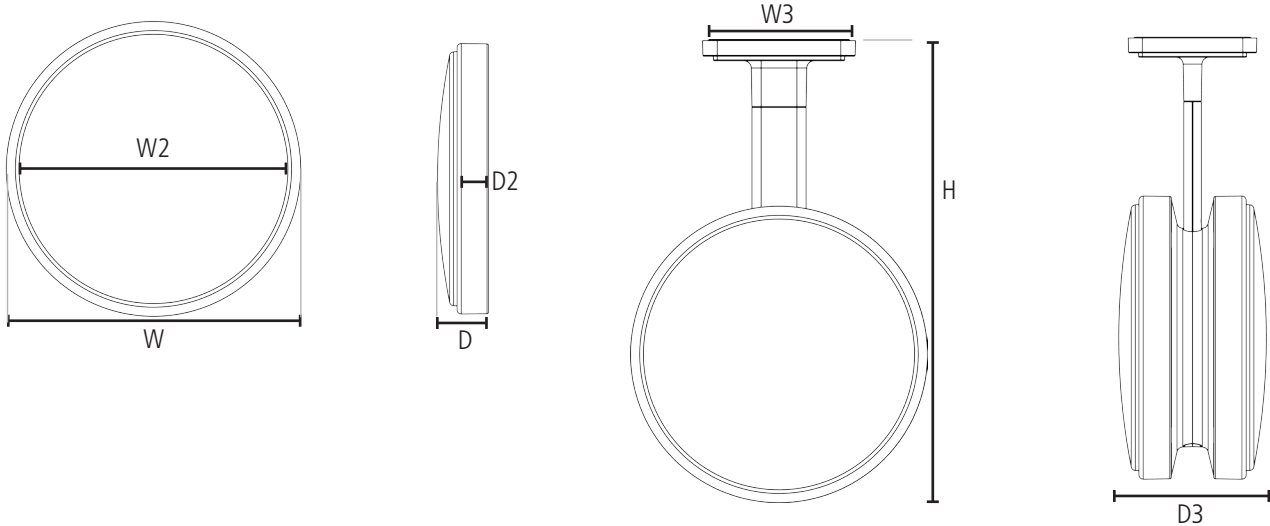
Examples:

SAP-6DS-09R-0: Sapling Analog, SlimLine IP, 9" Round, PoE, Surface Wall Mount, Solid Cherry Wood Frame

SAP-5AS-12R-0: Sapling Analog, SlimLine IP, 12" Round, PoE, Surface Wall Mount, Brushed Aluminum Case

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Sapling Round Analog Clock Dimensions

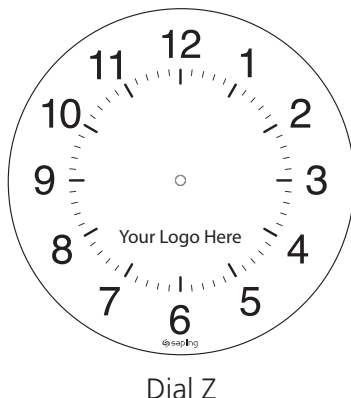
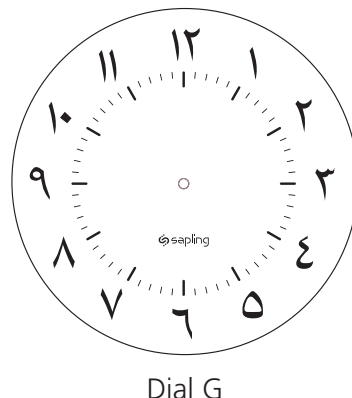
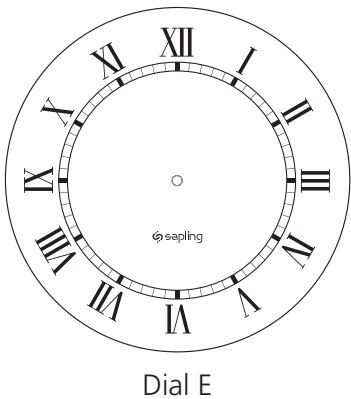
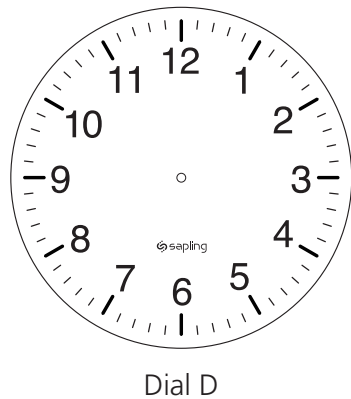
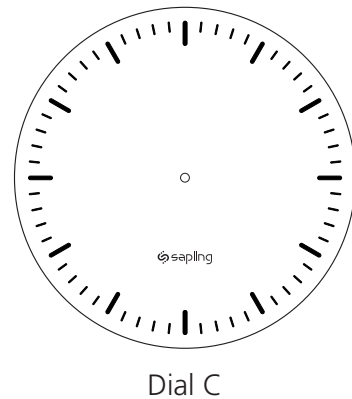
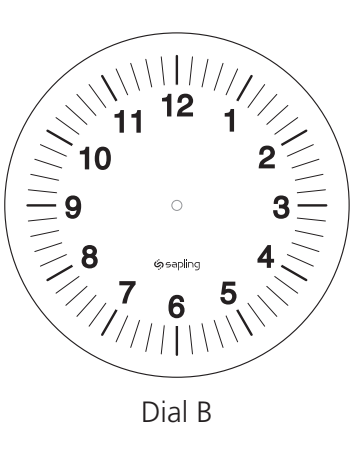
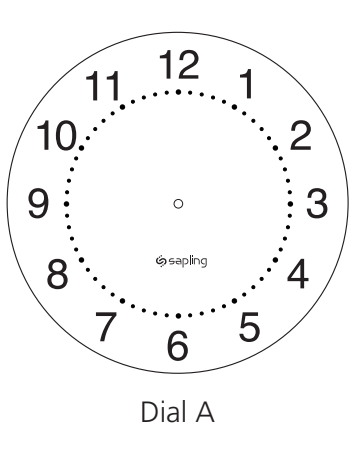
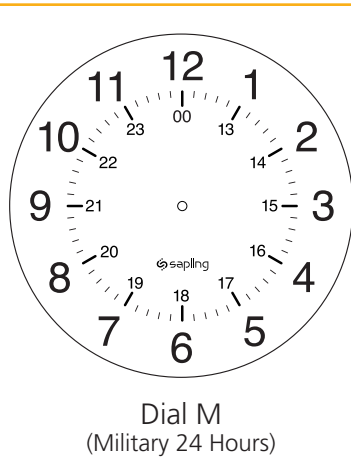
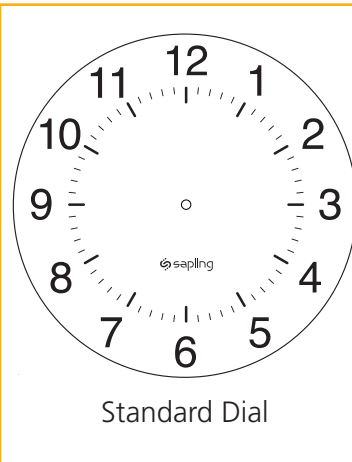
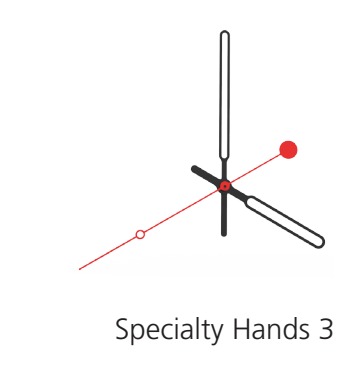
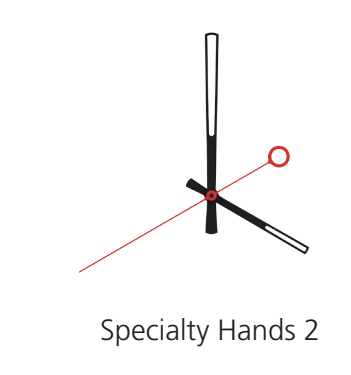
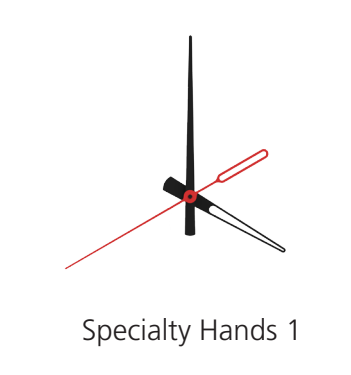


	METAL			SLIMLINE ABS		
Clock Size:	12" Standard	16" Standard	9" SlimLine	12" SlimLine	16" SlimLine	
W	= 12.75" (32.4cm)	W = 16.75" (42.6cm)	W = 9.8" (24.8cm)	W = 12.9" (32.7cm)	W = 16.7" (42.3cm)	
W2	= 11.80" (30.0cm)	W2 = 15.75" (40.0cm)	W2 = 9.5" (24.2cm)	W2 = 12.6" (32.0cm)	W2 = 16.3" (41.5cm)	
D	= 2.44" (6.2cm)	D = 2.50" (6.4cm)	D = 2.4" (6.2cm)	D = 2.4" (6.2cm)	D = 2.5" (6.4cm)	
D2	= 1.45" (3.7cm)	D2 = 1.60" (4.1cm)	D2 = 1.7" (4.2cm)	D2 = 1.7" (4.3cm)	D2 = 1.7" (4.4cm)	
Shipping Weight:	4.0lbs (1.81kg)	6.0lbs (2.72kg)	2 lbs (0.9 kg)	2 lbs (0.9 kg)	4 lbs (1.8 kg)	
Double/Dual Mount Dimensions:	W3 = 6.56" (16.7cm) D3 = 6.86" (17.5cm)	W3 = 6.56" (16.7cm) D3 = 8.00" (20.3cm)	Not Applicable	W3 = 6.6" (16.7cm) D3 = 6.4" (16.2cm)	W3 = 6.6" (16.7cm) D3 = 6.4" (16.3cm)	
Adjustable Pole Height:	H = 19.69" (50.0cm) = 18.07" (45.9cm) = 16.45" (41.8cm)	H = 21.90" (55.6cm) = 20.20" (51.3cm) = 18.56" (47.1cm)	Not Applicable	H = 19.7" (50.2cm) = 18.1" (46.1cm) = 16.5" (41.9cm)	H = 21.7" (55.3cm) = 20.1" (51.2cm) = 18.5" (47.0cm)	
	ALUMINUM			WOODEN		
Clock Size:	9" Aluminum	12" Aluminum	16" Aluminum	9" Wood	12" Wood	16" Wood
W	= 10.7" (27.1cm)	W = 13.8" (35.0cm)	W = 17.8" (45.1cm)	W = 11.6" (29.5cm)	W = 13.3" (33.8cm)	W = 19.6" (49.9cm)
W2	= 9.5" (24.2cm)	W2 = 12.6" (32.0cm)	W2 = 16.3" (41.5cm)	W2 = 9.5" (24.2cm)	W2 = 12.6" (32.0cm)	W2 = 16.5" (41.5cm)
D	= 2.4" (6.2cm)	D = 2.4" (6.2cm)	D = 2.4" (6.4cm)	D* = 2.4" (6.2cm)	D* = 2.4" (6.2cm)	D* = 2.4" (6.4cm)
D2	= 1.7" (4.2cm)	D2 = 1.7" (4.4cm)	D2 = 1.7" (4.4cm)	D2* = 2.7" (6.8cm)	D2* = 2.7" (6.8cm)	D2* = 2.7" (6.8cm)
Shipping Weight:	2 lbs (0.9kg)	3 lbs (1.4 kg)	4 lbs (1.8 kg)	3 lbs (kg)	4 lbs (1.8 kg)	6 lbs (2.7 kg)
Double/Dual Mount Dimensions:	Not Applicable	W3 = 6.6" (16.7cm) D3 = 6.4" (16.2cm)	W3 = 6.6" (16.7cm) D3 = 6.4" (16.3cm)	Not Applicable	Not Applicable	Not Applicable
Adjustable Pole Height:	Not Applicable	H = 20.2" (51.5cm) = 18.6" (47.3cm) = 17.0" (43.2cm)	H = 22.3" (56.6cm) = 20.6" (52.4cm) = 19.0" (48.2cm)	Not Applicable	Not Applicable	Not Applicable

*NOTE: For wood clocks, the rim (D2) protrudes further from the wall than the crystal (D).

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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.

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Clock Case Options

Standard Low Profile
Metal CaseStandard SlimLine
ABS Case

Brushed Aluminum Finish



Solid Wood Case Cherry Finish

