

## SSIAM Series Wired Square Clock (V5.3)

### Features:

- Available in 9" (22.8cm), and 12" (30.4 cm) dial sizes
- Offered in a stylish ABS case
- Multiple power options
  - Offered in 230VAC and 24VAC/VDC models
- Provided with mounting hardware for easy installation
- Hour, minute, and second hands
- Quick correction for time change (max. 5 minutes when used with digital communication protocol)
- Microprocessor based movement
- Side molded, polycarbonate crystal

### Highlights:

- Automatically recognizes many wired time data protocols:
  - 2-wire digital communication system (24V clock only)
  - 3-wire digital communication system
  - Sync-wire 59 minute correction
  - Various Sync-wire 58 minute correction formats
  - National Time/Rauland correction
- Correctly interprets time data protocols even if the **signal** wire polarity is switched.
- Built-in self-diagnostic mode:
  - Communication Protocol Verification
  - Time since the last synchronization signal was received
  - Hand position error detection
- Custom Color Cases available (minimum quantity 25)
- Designed and Produced in the United States of America



specification sheets may change without prior notice

## SSIAM Series Wired Square Clock (V5.3)

### 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

#### Voltage Input:

7-28 VDC/VAC 50/60 Hz (24V model)

180 - 260 VAC 50/60 Hz (230V model)

#### Average Current Consumption:

35 mA @ 24VAC

15 mA @ 230VAC

#### 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)

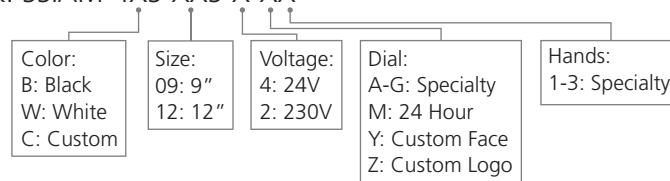
#### Compliance:

UL, cUL listed, CE Compliances: EMC, LVD

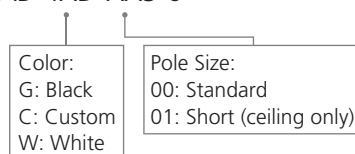


### Ordering Information:

SSIAM Series Wired Square Clock: SSIAM-4XS-XXS-X-XX



Double Mount Pole: SSAB-4XD-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.

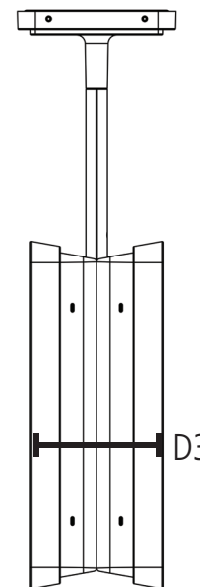
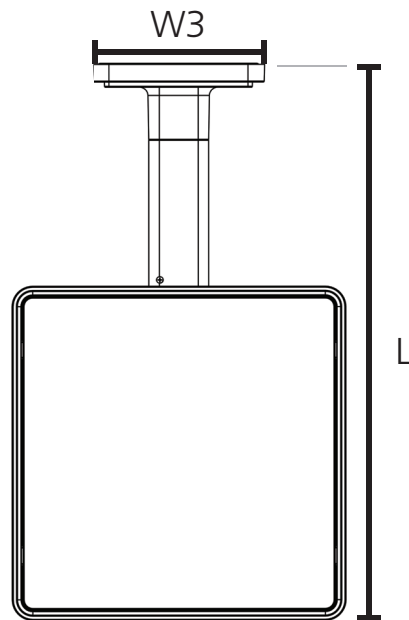
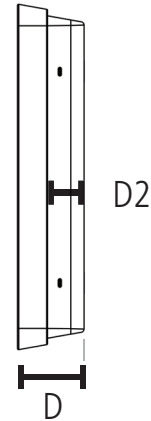
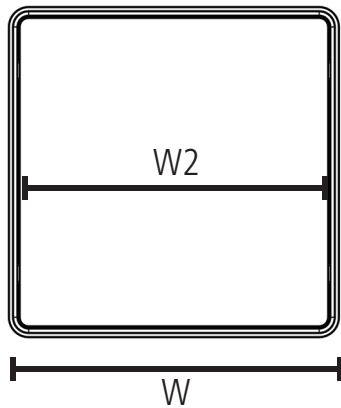
#### Examples:

SSIAM-4WS-09S-4: Simplex Analog, Wired SSIAM, 9" Square, 24V, Surface Wall Mount, White Case with Metallic Gray Rim, Supports: 2-Wire Digital & Sync Wire Protocols

SSIAM-4BS-12S-1: Simplex Analog, Wired SSIAM, 12" Square, Surface Wall Mount, Mineral Black Case with Metallic Gray Rim, Supports: Sync Wire Protocols

# SSIAM Series Wired Square Clock (V5.3)

## Simplex Square Analog Clock Dimensions



	9" Square	12" Square
Clock Size:	W = 9.79" (24.9cm)	W = 12.76" (32.4cm)
	W2 = 8.97" (22.8cm)	W2 = 11.94" (30.3cm)
	D = 2.44" (6.2cm)	D = 2.44" (6.2cm)
	D2 = 1.34" (3.4cm)	D2 = 1.34" (3.4cm)
Shipping Weight:	3.0lbs (1.81kg)	4.0lbs (1.81kg)
Double/Dual Mount Dimensions:	W3 = 6.56" (16.7cm)	W3 = 6.56" (16.7cm)
	D3 = 4.93" (12.5cm)	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 SSAB-4GD-00S-0

\*\*Shortened pole (ceiling mount only) refers to part number SSAB-4GD-01S-0

# SSIAM Series Wired Square Clock (V5.3)

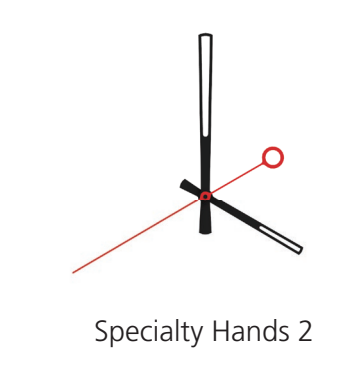
## Hand & Dial Options



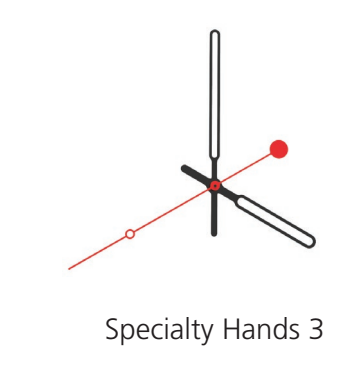
Standard Hands



Specialty Hands 1



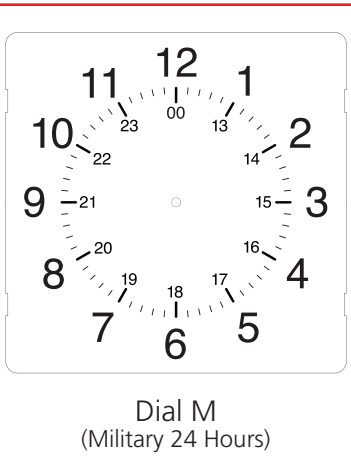
Specialty Hands 2



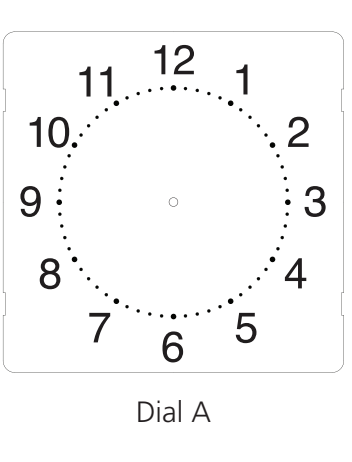
Specialty Hands 3



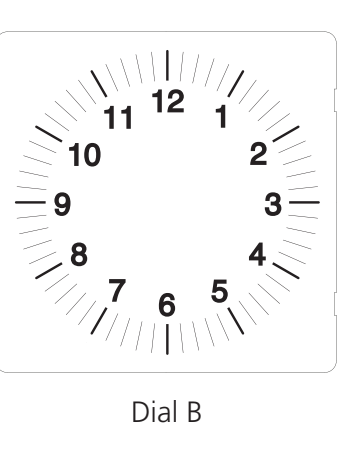
Standard Dial



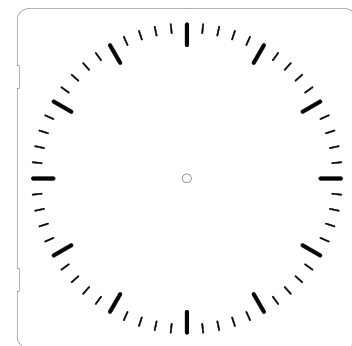
Dial M  
(Military 24 Hours)



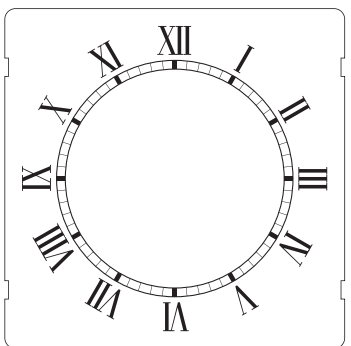
Dial A



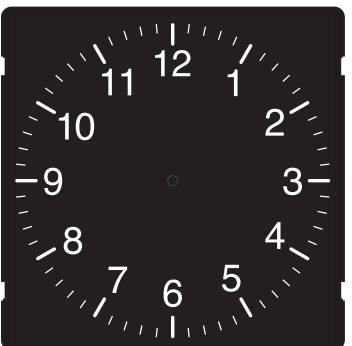
Dial B



Dial C



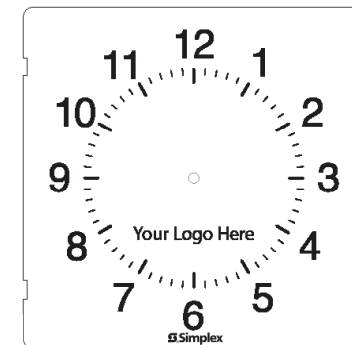
Dial E



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 Simplex Representative.