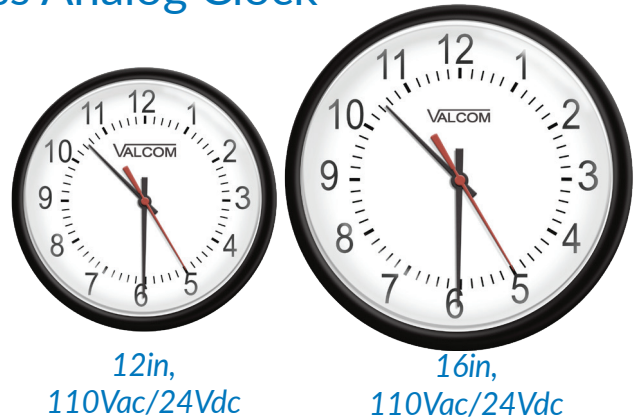


Technical Specifications

V-AW12BLP/V-AW16BLP Wireless Analog Clock

- Easy installation & relocation
- Each clock acts as a repeater and transmitter
- Microprocessor based movement
- 915 – 928 MHz frequency-hopping technology
- Built-in Internal antenna
 - no expensive external antennae required
- Built-in diagnostic mode for easy maintenance
- Maintains accurate time during power outages
- Quick correction for time change
- Smooth surface black ABS case and polycarbonate crystal
- Wireless power
- Available in 12in and 16in dial sizes
- FCC Compliant per FCC part 15 Section 15,247
- UL, cUL approved
- Indoor use



Description:

The V-AW12BLP and V-AW16BLP Wireless Analog Clock incorporates multi-functional software, as well as a microprocessor based movement. Each clock acts as a repeater and transmitter. The clock includes automatic calibration and enhanced diagnostic functionalities for informing the user of battery level, signal strength, and complete testing of the movement. The V-AW12BLP and V-AW16BLP feature round metal cases with shatterproof polycarbonate crystals and are lightweight and durable. Each time piece offers proven time-keeping accuracy and reliability.

Valcom's synchronized Wireless clocks are ideal for schools, universities, offices, government agencies, healthcare, manufacturing and transportation facilities.

2022 Rev 1.8.10

Technical Specifications

SPECIFICATIONS

WIRELESS OUTPUT POWER

8 dBm

WIRELESS INPUT SENSITIVITY

-103 dBm

TIME BASE

Quartz, automatic calibration

OPERATING FREQUENCIES

915 – 928 MHz frequency-hopping technology

POWER REQUIREMENTS

20 mA @ 24Vdc
15 mA @ 110Vac

ENVIRONMENT

32 to 113 °F (0 to 45 °C)

HOUSING AND FINISH

Color: black
Dial: durable polystyrene
Case: black metal
Crystal: shatterproof, side-molded polycarbonate

DISPLAYS

12-hour format

DIMENSIONS AND WEIGHT

V-AW12BLP

12.65in Dia x 2.18in D
(32.13cm x 5.54cm)

Weight: 2.50lbs (1.13kg)

Shipping Weight: 5.30lbs (2.39kg)

V-AW16BLP

16.65in Dia x 2.18in D
(42.29cm x 5.54cm)

Weight: 4.00lbs (1,81kg)

Shipping Weight: 6.70lbs (3.02kg)

MOUNTING

Surface, double, or flag mount

ACCESSORIES

V-WDM-12 Double-Sided Bracket
V-SMR12AW Surface Mount Housing
V-WDM-16 Double-Sided Bracket
V-SMR16AW Surface Mount Housing
V-WGACLK Wire Guard

ARCHITECTS AND ENGINEERS

The Wireless Analog Clock, model V-AW12BLP/V-AW16BLP, shall be an analog clock with a black hour hand, a black minute hand, and a red second hand. The V-AW12BLP/V-AW16BLP shall be capable of receiving and then transmitting a signal. The clock shall use frequency-hopping technology to receive time data on a frequency range of 915–928 MHz. The frequency-hopping technology shall allow for a better and clearer signal even if there is interference in one of the frequencies. .

The V-AW12BLP/V-AW16BLP Wireless Analog Clock shall include an executable method for automatic hand calibration and a diagnostic function that allows the user to view the quality of the signal, the last time the clock received a correction signal, the performance and a comprehensive analysis of the entire clock movement. The V-AW12BLP/V-AW16BLP shall transmit a stream of data once a minute..

The V-AW12BLP/V-AW16BLP Wireless Analog Clock power

requirements shall be 20 mA at 24 Vdc and 15 mA at 110 Vac. Operation temperature shall be 32 to 113 °F (0 to 45 °C).

The V-AW12BLP/V-AW16BLP Wireless Analog Clock case shall be constructed of a low-profile/semi-flush smooth surface metal with black finish. The clock case shall be round with 12 or 16 inch diameter. The dial is to be constructed of durable polystyrene material. The crystal shall be shatterproof, side-molded polycarbonate. V-AW12BLP/V-AW16BLP shall be suitable for indoor applications. The V-AW12BLP/V-AW16BLP shall be UL, cUL, and CE compliant.

The V-AW12BLP maximum dimensions shall be: 12.65in Dia x 2.18in D (32.13cm x 5.54cm). Weight shall be approximately: 2.50lbs (1.13kg). The V-AW16BLP maximum dimensions shall be: 16.65in Dia x 2.18in D (42.29cm x 5.54cm). Weight shall be approximately: 4.00lbs (1.81kg).

Warranty information may be found on our website at www.valcom.com/warranty.