

Technical Specifications

V-DW11025B/V-DW11040B Wireless Digital Clock

- Receives and transmits the signal once a minute
- Internal antenna
- Each clock acts as a transmitter and repeater
- 915–928 MHz frequency-hopping technology
- Immediate correction for time change
- Microprocessor based clock
- Clocks will not deviate from each other
- Maintains accurate time during power outages
- 12- or 24-hour format
- Two (2) levels of adjustable brightness
- Loss of communication alert
- Bright LED display
- Red bezel
- No battery backup required
- Dynamic range for input voltages
- Plug in Molex connectors
- Easy installation and relocation
- UL and cUL Listed
- FCC Compliant, FCC Part 15 Section 15,247
- Indoor use



110 Vac
4-digit display,
2.5in H character



110 Vac
4-digit display,
4.0in H character

Description:

The V-DW11025B and DW11040B Wireless Digital Clock incorporates microprocessor based functionality and an integrated real-time clock. V-DW11025B and DW11040B clocks feature an elegant and stylish design, a 12 or 24 hour display format, multiple brightness levels and automatic updates for Daylight Saving Time. Each time piece offers proven time-keeping accuracy and reliability.

These highly visible digital clock displays are ideal for schools, universities, offices, government agencies, healthcare, manufacturing and transportation facilities.

2022 Rev 1.8.10

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SPECIFICATIONS

WIRELESS OUTPUT POWER

8 dBm (6mW)

WIRELESS INPUT SENSITIVITY

-103 dBm

OPERATING FREQUENCIES

915 – 928 MHz frequency-hopping technology

POWER REQUIREMENTS

45 mA @ 110 VAC

ENVIRONMENT

32 to 113 °F (0 to 45 °C)

DISPLAY

12-hour or 24-hour format

DISPLAY SIZE/COLOR

V-DW11025B : 2.50in red characters

V-DW11040B : 4.00in red characters

VISIBILITY

2.50in digits: 100ft

4.00in digits: 250ft

TIME BASE

Quartz, automatic calibration

HOUSING AND FINISH

Case: ABS plastic (Acrylonitrile Butadiene Styrene)

Color: Black with metallic gray front rim

DIMENSIONS AND WEIGHT

V-DW11025B

7.50in H x 11.38in W x 4.25in D
(19.05cm x 28.91cm x 10.80cm)

Weight: 2.00lbs (0.91kg)

Shipping Weight: 4.60lbs (2.07kg)

DW11040B

9.75in H x 14.25in W x 4.25in D
(24.77cm x 36.20cm x 10.80cm)

Weight: 3.50lbs (1.59kg)

Shipping Weight: 5.40lbs (2.43kg)

MOUNTING

Surface and double mount

ACCESSORIES

V-DMKIT Double Sided Bracket

V-WGD4 Wire Guard

ARCHITECTS AND ENGINEERS

The Wireless Digital Clock, model V-DW11025B/V-DW11040B shall have a high-efficiency four (4) digit LED numeral display. The V-DW11025B digits shall measure 2.50in high and have a visibility of 100ft. The DW11040B shall measure 4.00in high and have a visibility of 250ft.

The V-DW11025B/V-DW11040B Wireless Digital Clock 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-DW11025B/V-DW11040B Wireless Digital Clock shall be capable of displaying time in a 12 or 24 hour display format. The digital clock shall have two (2) levels of adjustable brightness.

The V-DW11025B/V-DW11040B shall be designed to be used with the V-WMCA Master Clock. Time data shall be transmitted and received by the clock via Valcom's wireless communication protocol. Upon receipt of the wireless signal, the clock will immediately self-

correct. The clock shall have data LEDs on the circuitry board that light up when the clock receives data. The V-DW11025B/V-DW11040B shall transmit a stream of data once a minute. The clocks shall be UL, cUL, and CE compliant.

The V-DW11025B/V-DW11040B Wireless Digital Clock case shall be constructed of a smooth surface ABS with black finish and a gray metallic front rim. No external screws shall be visible on the bezel or clock housing. The V-DW11025B/V-DW11040B housing shall be designed and molded so that it can be attached to a Valcom double-mount pole. V-DW11025B/V-DW11040B shall be suitable for indoor applications.

The V-DW11025B maximum dimensions shall be: 7.50in H x 11.38in W x 4.25in D (19.05cm x 28.91cm x 10.80cm). Weight shall be approximately: 2.00lbs (0.91kg). The V-DW11025B maximum dimensions shall be: 9.75in H x 14.25in W x 4.25in D (24.77cm x 36.20cm x 10.80cm). Weight shall be approximately: 3.50lbs (1.59kg).

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