

Technical Specifications

V-D2425B/V-D2440B Wired Digital Clock

- Easy to read 2.50in or 4.00in numbers
- 4-digit display (hour/minute)
- Proven time keeping accuracy and reliability
- Cost-effective, precision time clocks
- Immediate correction for time change
- Communication LEDs
- No backup battery required
- Two (2) settings for brightness
- Dynamic input voltage
- Fully automatic plug and play
 - no settings required
- Automatic polarity detection
- Quick correction (Valcom 2-wire)
- UTP connectivity
- Plug in molex connectors
- Low Profile
- UL listed
- Indoor use



*4-digit display,
2.50in H character*



*4-digit display,
4.00in H character*

Description:

The V-D2425B and V-D2440B Wired Digital Clock incorporates microprocessor based functionality and an integrated real-time clock. V-D2425B and V-D2440B 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

Technical Specifications

SPECIFICATIONS

DISPLAY

12-hour or 24-hour format

VISIBILITY

2.50in Digits: 100ft

4.00in digits: 250ft

POWER REQUIREMENTS

2.50in Digit: 150 mA @ -24 Vdc

4.00in Digit: 200 mA @ -24 Vdc

ENVIRONMENT

32 to 113 °F (0 to 45 °C)

DISPLAY

12-hour or 24-hour format

DISPLAY SIZE/COLOR

V-D2425B: 2.50in red characters

V-D2440B: 4.00in red characters

HOUSING AND FINISH

Case: ABS plastic (Acrylonitrile Butadiene Styrene)

Color: Black with metallic gray front rim

DIMENSIONS AND WEIGHT

V-D2425B

4.69in H x 10.31in W x 3.90in D

(11.91cm x 26.19cm x 9.91cm)

Weight: 1.30lbs (0.59kg)

Shipping Weight: 4.10lbs (1.85kg)

V-D2440B

6.75in H x 13.31in W x 6.75in D

(17.15cm x 33.81cm x 9.80cm)

Weight: 3.50lbs (1.59kg)

Shipping Weight: 5.40lbs (2.43kg)

MOUNTING

Wall, Flush, Flag Mount or Double Mount

ACCESSORIES

V-DMKIT Double Sided Bracket

V-WGD4 Wire Guard

ARCHITECTS AND ENGINEERS

The Wired Digital Clock, model V-D2425B/V-D2440B, shall have a high-efficiency four (4) digit LED numeral display. The V-D2425B digits shall measure 2.50in high and have a visibility of 100ft. The V-D2440B shall measure 4.00in high and have a visibility of 250ft.

The V-D2425B/V-D2440B Wired Digital Clock shall have data LEDs on the circuitry board that light up when the data is received. The V-D2425B/V-D2440B shall receive time from a Master Clock using Valcom's 2-Wire Communication protocol.

The V-D2425B/V-D2440B Wired 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. When the input is lost, the colon on the display of the clock shall flash. When power is lost, the clock will rely on a small battery and quartz timer to keep track of (but not display) the time. The V-D2425B/V-D2440B Wired Digital Clock shall be powered by 24 V. The V-D2425B operating current shall be 150 mA at -24 Vdc. The V-D2440B operating current

shall be 200 mA at -24 Vdc. Operation temperature shall be 32 to 113 °F (0 to 45 °C) The clocks shall be UL, cUL, and CE compliant.

The V-D2425B/V-D2440B Wired 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-D2425B/V-D2440B housing shall be designed and molded so that it can be attached to a Valcom double-mount pole. V-D2425B/V-D2440B shall be suitable for indoor applications.

The V-D2425B maximum dimensions shall be: 4.69in H x 10.31in W x 3.90in D (11.91cm x 26.19cm x 9.91cm). Weight shall be approximately: 1.30lbs (0.59kg). The V-A-A2416B maximum dimensions shall be: 16.75in H x 13.31in W x 6.75in D (17.15cm x 33.81cm x 9.80cm). Weight shall be approximately: 3.50lbs (1.59kg).

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