

Technical Specifications

VIP-D625A/VIP-D640A IP Digital Clock

- Easy to read 6-digit clock display
- PoE (IEEE 802.3af)
- Facility wide time standard
- High-efficiency
- Utilizes NTP (Network Time Protocol) synchronization
- No master clock required
- Indoor use only



6-digit display,
2.50in H character



6-digit display,
4.00in H character

Description:

The VIP-D625A/VIP-D640A Digital Clock enable a facility-wide time standard, are simple and easy to install and provide time-keeping accuracy and reliability. The VIP-D625A/VIP-D640A are ideal for schools, universities, offices, government agencies, healthcare, manufacturing and transportation facilities.

SPECIFICATIONS

DISPLAY

12-hour or 24-hour format

VIP-D625A: 2.5in red characters

VIP-D640A: 4.0in red characters

VISIBILITY

100 feet

POWER REQUIREMENTS

6.9-Watt via Power over Ethernet (POE) 802.3af

NETWORK

10/100 Mbps Ethernet port

Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup

Time and date synchronization using NTP

ENVIRONMENT

Temperature: +32 to +104 °F (0 to +40 °C)

Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Steel with a durable black powder coated finish

DIMENSIONS AND WEIGHT

VIP-D625A

10.65in L x 3.00in W x 4.90in H
(27.05cm x 7.62cm x 12.45cm)

Weight: 3.85lbs (1.75kg)

Shipping Weight: 7.25lbs (3.26kg)

VIP-D640A

24.75in L x 3.00in W x 6.75in H
(62.87cm x 7.62cm x 17.15cm)

Weight: 7.07lbs (3.21kg)

Shipping Weight: 11.00lbs (4.95kg)

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ARCHITECTS AND ENGINEERS

The IP Digital Clock, model VIP-D625A/VIP-D640A, shall enable time indication, synchronization, and correction over an IP-based LAN/WAN allowing locating a clock display anywhere on the network. The VIP-D625A/VIP-D640A clock synchronization shall be programmed to sync with any NTP (Network Time Protocol) server. In addition to the IP address, the clock shall be capable of acquiring all of the information needed to synchronize time from the DHCP scope without further programming. If the DHCP is not available, the clock will revert to the static IP address of 192.168.6.207 after 3 minutes. DHCP Scope Options shall be Option 42, NTP Server IP Address, Option 100, POSIX Time Zone, example: "EST5EDT4,M3.2.0/02:00,M11.1.0/2:00". This is the preferred option, and works for any area of the world. Option 101, Time Zone Name, example: "America/New York". This option is only supported for North American time zones.

Power shall be provided to the VIP-D625A/VIP-D640A via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup

of the VIP-D625A/VIP-D640A shall be via the Valcom IP Solutions Setup Tool.

The VIP-D625A/VIP-D640A Digital Clock enclosure case shall be constructed of steel with a durable black powder coated black finish. The VIP-D625A/VIP-D640A shall be suitable for indoor applications.

VIP-D625A maximum dimensions shall be: 11.30in L x 3.00in W x 4.90in H (38.86cm x 7.62cm x 12.45cm). Weight shall be approximately 3.85lbs (1.75kg).

VIP-D640A maximum dimensions shall be: 24.75in L x 3.00in W x 6.75in H (62.87cm x 7.62cm x 17.15cm). Weight shall be approximately 7.07lbs (3.21kg).

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