

# Technical Specifications

## VIP-D425A/VIP-D440A IP Digital Clock

- Easy to read 4-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



4-digit display,  
2.50in H character



4-digit display,  
4.00in H character

### Description:

The VIP-D425A/VIP-D440A Digital Clock enable a facility-wide time standard, are simple and easy to install and provide time-keeping accuracy and reliability. The VIP-D425A/VIP-D440A are ideal for schools, universities, offices, government agencies, healthcare, manufacturing and transportation facilities.

## SPECIFICATIONS

### DISPLAY

12-hour or 24-hour format

**VIP-D425A:** 2.5in red characters

**VIP-D440A:** 4.0in red characters

### VISIBILITY

100 feet

### POWER REQUIREMENTS

5.4-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-D425A

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

**Weight:** 2.88lbs (1.31kg)

**Shipping Weight:** 6.00lbs (2.70kg)

#### VIP-D440A

17.00in L x 3.00in W x 6.75in H  
(43.18cm x 7.62cm x 17.14cm)

**Weight:** 5.10lbs (2.31kg)

**Shipping Weight:** 9.00lbs (4.05kg)

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## ARCHITECTS AND ENGINEERS

The IP Digital Clock, model VIP-D425A/VIP-D440A, shall enable time indication, synchronization, and correction over an IP-based LAN/WAN allowing locating a clock display anywhere on the network. The VIP-D425A/VIP-D440A 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-D425A/VIP-D440A via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup

of the VIP-D425A/VIP-D440A shall be via the Valcom IP Solutions Setup Tool.

The VIP-D425A/VIP-D440A Digital Clock enclosure case shall be constructed of steel with a durable black powder coated black finish. The VIP-D425A/VIP-D440A shall be suitable for indoor applications.

VIP-D425A maximum dimensions shall be: 10.65in L x 3.00in W x 4.90in H (27.05cm x 7.62cm x 12.45cm). Weight shall be approximately 2.88lbs (1.31kg).

VIP-D440A maximum dimensions shall be: 17.00in L x 3.00in W x 6.75in H (43.18cm x 7.62cm x 17.14cm). Weight shall be approximately 5.10lbs (2.31kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).