VALCOM IP Solutions

IP PoE Surface Mount Digital Clocks
VIP-D425, 4 Digit, 2.5" Display VIP-D440, 4 Digit, 4.0" Display
VIP-D625, 6 Digit, 2.5" Display VIP-D640, 6 Digit, 4.0" Display

INTRODUCTION

The VIP-D425 2.5 inch, 4 Digit Clock Display; VIP-D440 4.0 inch, 4 Digit Clock Display; VIP-D625 2.5 inch, 6 Digit Clock Display and VIP-D640 4.0 inch, 6 Digit Clock Display enable time indication, synchronization, and correction over an IP-based LAN/WAN. This allows locating a clock display anywhere on the network. Clock synchronization is initiated via connection to a factory preprogrammed time server or can be programmed to sync with any NTP (Network Time Protocol) server. The enclosure is made of steel with a durable powder coated finish. The color of the enclosure can easily be changed to match any décor. Power is provided to the VIP-D425 and VIP-D440 via a Power over Ethernet (PoE) switch meeting the 802.3af specification.

SPECIFICATIONS
Features

- RJ-45 network connection
- Easy to read, high visibility Red 2.5" or 4.0" digits display hours and minutes
- Selectable 12 or 24 hour format (jumper setting)
- 802.3af compatible
- High Efficiency

INSTALLATION
FCC Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference in which case the user will be required to correct the interference at one's own expense.

DIMENSIONS/WEIGHT – 4 Digit

- VIP-D425 – 10.65" L x 3.00" W x 4.90" H Weight: 2.88 LBS
- VIP-D440 – 17.00" L x 3.00" W x 6.75" H Weight: 4.50 LBS

DIMENSIONS/WEIGHT – 6 Digit

- VIP-D625 - 15.30" L x 3.00" W x 4.90" H Weight: 3.85 LBS
- VIP-D640 - 24.50" L x 3.00" W x 6.75" H Weight: 6 LBS
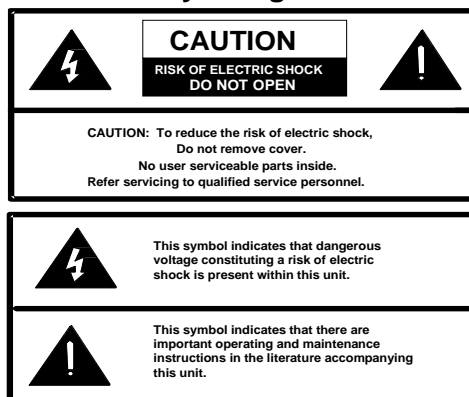
Nominal Power Requirements

- 4 Digit: 5.4W via 802.3af PoE
- 6 Digit: 6.9W via 802.3af PoE

Environment

Temperature: 0 to +40° C
Humidity: 0 to 85% non-precipitating

Precautionary Designations

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To reduce the risk of electric shock, Do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Packing List

Qty.	Item
1	Digital Clock
1	VSP Document
1	VIP Setup CD

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MOUNTING

Remove the side screws holding the mounting plate/rear panel to the enclosure. Mount the plate to the wall or a standard double-gang electrical box using appropriate hardware such as #8 pan head screws (not supplied**)**. After making the required connections, reattach the enclosure to the mounting plate, rear panel.

NETWORK CONNECTION

The VIP-D425, VIP-D440, VIP-625, and VIP640 have one CAT-5 RJ-45 network connector on the rear panel. See Figure 1. Connect a CAT-5 patch cable from the VIP-D425, VIP-D440, VIP625, or VIP640 into an Ethernet switch. If a PoE switch is not available, a PoE mid-span injector may be used to supply power to the clocks.

PROGRAMMING

Connect the clock to a PoE switch and scan for the device using the "VIP-102B IP Solutions Setup Tool". Programming software is included with each clock. Enter a static IP address or select DHCP. Use either the default time server IP address or assign a different NTP Server address. Enter the appropriate time zone.
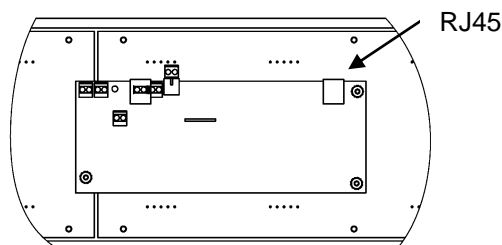
Figure 1. Connections (Rear)

TECHNICAL ASSISTANCE

When trouble is reported, verify power is being supplied to the unit and there are no broken connections. If a spare unit is available, substitute a spare unit for the suspected defective unit.

Assistance in troubleshooting is available from the factory. Call (540) 563-2000 and press 1 for Technical Support or via email at support@valcom.com

When requesting assistance, you should include all available information. It is strongly suggested that you go to the web site and review the documentation at http://www.valcom.com/techsupport/voip_support.htm.

Valcom equipment is not field-repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person and the nature of the problem. Send the unit to:

Valcom, Inc.
Repair & Return Dept.
5614 Hollins Road
Roanoke, Va. 24019-5056

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