

Technical Specifications

VIP-A12ADS/VIP-A16ADS IP Analog Clock

- Easy to read double-sided analog face
- PoE (IEEE 802.3af)
- Facility wide time standard
- Utilizes NTP (Network Time Protocol) synchronization
- Ceiling or wall mountable
- Easy to install
- Indoor use only



12-inch
Double-sided



16-inch
Double-sided

Description:

VIP-A12ADS/VIP-A16ADS IP Analog Clock, Double-Sided enables time indication, synchronization, and correction over a simple network connection. This allows locating a clock display anywhere on the network. Program Clock synchronization to any NTP (Network Time Protocol) server. IP Clocks are ideal for schools, universities, offices, government agencies, healthcare, manufacturing and transportation facilities.

SPECIFICATIONS

DISPLAY

12-hour format

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af: Class 3

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 +113 °F (0 to +45 °C)
Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Dial: Durable polystyrene
Case: Smooth surface ABS black case
Crystal: Shatterproof, side-molded polycarbonate

DIMENSIONS AND WEIGHT

12-inch

12.81in Dia x 7.00in D
(32.54cm x 17.78cm)

Weight: 11.00lbs (4.99kg)

Shipping Weight: 19.70lbs (8.87kg)

16-inch

16.81in Dia x 1.60in D
(42.70cm x 18.42cm)

Weight: 12.60lbs (5.72kg)

Shipping Weight: 26.00lbs (8.40kg)

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Technical Specifications

ARCHITECTS AND ENGINEERS

The Round Double-Sided Analog Clock, model VIP-A12ADS/VIP-A16ADS, shall enable time indication, synchronization, and correction over an IP-based LAN/WAN allowing locating a clock display anywhere on the network. The VIP-A12ADS/VIP-A16ADS Round Double-Sided Analog 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-A12ADS/VIP-A16ADS via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Only one network connection shall be required, supplying power and data to both clock displays. Setup of the

VIP-A12ADS/VIP-A16ADS shall be via the Valcom IP Solutions Setup Tool.

The VIP-A12ADS/VIP-A16ADS enclosure case shall be constructed of steel with a durable powder coated black finish. The clock case shall be round with 12 or 16 inch diameter. The dial is to be constructed of durable polystyrene material. The crystal shall be shatterproof, side-molded polycarbonate. The VIP-A12ADS/VIP-A16ADS shall be suitable for indoor applications.

VIP-A12ADS maximum dimensions shall be: 12.81in Dia x 7.00in D (32.54cm x 17.78cm). Maximum extension from wall or ceiling shall be 17.60in (44.70cm). Weight shall be approximately 11.00lbs (4.99kg).

VIP-A16ADS maximum dimensions shall be: 16.81in Dia x 7.25in D (42.70cm x 18.42cm). Maximum extension from wall or ceiling shall be 21.60in (54.91cm). Weight shall be approximately 12.60lbs (5.72kg).

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