SpecData

Inova Solutions

1. Product Name
■ Inova OnTime® IP PoE Analog Clock Systems
  • ONTA12-BK (single-sided)
  • ONTA12DS-BK (double-sided)

2. Manufacturer

Inova Solutions, Inc.
110 Avon Street
Charlottesville, VA 22902

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3. Product Description

Basic Use

Inova Solutions' OnTime IP PoE clocks provide accurate, highly visible, synchronized time throughout facilities or campus environments in order to promote smooth, efficient workflows. Schools and universities depend on accurate timekeeping to efficiently transition students from one class to the next. In healthcare facilities, synchronized time is critical to daily operations, whether checking on patients or delivering medications. Synchronized time in manufacturing environments promotes schedule adherence and efficiency of manufacturing processes.

Inova OnTime clocks are built on Power over Ethernet (PoE) technology, getting time, data and energy-efficient power directly from the network—making them easy to install and simple to maintain. PoE clocks do not require a master clock, electrical outlets or batteries. Inova OnTime clocks plug directly into standard Ethernet jacks and allow for a centralized UPS (Uninterrupted Power Supply) backup to keep them up and running in the event of a power failure.

Wall-mounted; double-sided

Ceiling-mounted; double-sided

Features

- Power supplied over standard Cat-5 cabling using the IEEE 802.3af and IEEE 802.3at (PoE+) Power over Ethernet standard
- Low power consumption—4 watts
- No master clock or serial connection required
- 12-hour circular clock face visible from over 100 feet (30 m)
- Highly accurate to within ±1 second
- Time set automatically by SNTP (Simple Network Time Protocol)
- Automatic adjustment for Daylight Saving Time
- Compatible with DHCP or static IP addressable 10/100BaseT Ethernet
- UL 60950-1, CAN/C22.2 ETL Listed, CE Marked, RoHS compliant
- Optional cloud-based management system available

Benefits

- Accuracy (within ±1 second)
- Continual synchronization
- Easy installation
- Easy maintenance and management
- Energy efficiency
- Reliability
- Two-year warranty
- Inova OnTime IP POE clocks are assembled in the USA

4. Technical Data

Applicable Standards

American National Safety Institute (ANSI)/Underwriters Laboratories (UL)

- ANSI/UL 60950-1, CAN/C22.2—Information Technology Equipment–Safety Standard

Institute of Electrical and Electronics Engineers (IEEE)

- IEEE 802.3af-2003—Standard for Information Technology–Telecommunications and Information Exchange Between Systems–Local and Metropolitan Area Networks–Specific Requirements
- IEEE 802.3at (PoE+)–2009—updated Information Technology Standard

Other Certifications/Standards

- RoHS compliant, ETL listed and CE marked

5. Installation

Refer to *Inova Solutions OnTime Clock Installation and User Guide* included with shipment; also available at: **http://ontime.inovasolutions.com.**

6. Availability and Cost

Availability

Inova Solutions maintains inventory of several models for product availability. Contact **sales@inovasolutions.com.**

Cost

Contact Inova Solutions at **sales@inovasolutions.com** or an approved reseller at **this link** for pricing.

7. Warranty

A two-year limited warranty is offered by the manufacturer.

Table 1—Technical Specifications of Inova Solutions PoE Analog Clocks

Feature	Single-sided Clocks	Double-sided Clocks
Model	ONTA12-BK	ONTA12DS-BK
Dimensions	Diameter: 13.4" (340 mm)	Diameter: $13\frac{1}{2}$" (343 mm)
	Depth: 2" (51 mm)	Depth: $8\frac{1}{2}$" (216 mm)
Cabinets	Material: injection-molded plastic	Material: injection-molded plastic
	Color: Black	Color: Black
Weight	2 lb. (0.97 kg)	7.9 lb. (3.6 kg)
Viewing distance	100+ feet	100+ feet
Accuracy	±1 second	±1 second
Operating temperature	32–104° F (0–40 C)	32–104° F (0–40 C)
Operating humidity	95% maximum, non-condensing	95% maximum, non-condensing
Power consumption	3 watts	4 watts
Mounting options	Surface	Wall or ceiling

Note: specifications and design are subject to change without notice.

8. Maintenance

Inova OnTime clocks are powered directly from the network. Therefore, maintenance consists of periodic physical and visual checks on clocks and verification of the clocks' network configuration.

9. Technical Services

Contact the manufacturer for installation and user guides or technical support. Online support is available **here**.

10. Filing Systems

- ManuSpec
- Additional information available by request from the manufacturer