

Product Name

Novanex PoE Analog Clock

- ONTA12-BK(single-sided)
- ONTA12DS-BK (double-sided)

Product Manufacturer

Novanex, Inc.
1180 Seminole Trail, # 327
Charlottesville, VA 22901
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Product Description

Features

Novanex PoE analog clocks are specifically designed for facilities that require accurate, highly visible, synchronized time.

The clocks are built on Power-over-Ethernet technology. Time and energy-efficient power are provided by the network through an powered Ethernet cable making them easy to install and simple to maintain.

Novanex clocks do not require a master clock, electrical outlet or batteries, simply a powered switch or single port power injector. Clocks may be backed up using a centralized Uninterrupted Power Supply (UPS).

Novanex clocks do not rely on an "atomic time signal" for updates, just common access to a network time server.



ONTA12-BK - Surface Mounted, single-sided

Benefits

- Continual synchronization
- Easy installation
- Easy maintenance and management
- Energy efficiency
- Reliability
- Three-year warranty
- Novanex POE clocks are assembled in the USA



ONTA12DS-BK - Wall-mounted; double-sided



ONTA12DS-BK - Ceiling-mounted; double-sided

Warranty

Novanex warranties all products for a period of three years from date of purchase.

Maintenance

Novanex PoE clocks are powered directly from the network. Maintenance consists of periodic physical and visual checks on clocks and verification of the clocks' network configuration. A clock monitoring and connection alerting system is available. Surfaces can be cleaned with mild detergent. Contact Novanex for literature describing resistance qualities with other cleaning agents.

Specifications

Power supplied over standard Cat-5 cabling using the IEEE 802.3af (PoE+ compatible)
Power over Ethernet standard
Low power consumption—3 watts (single) 4 watts (double)
No master clock or serial connection required
UL 60950-1, CAN/C22.2 ETL Listed
CE Marked, RoHS compliant

Technical Specification Table

Single-sided Clocks

Model	ONTA12-BK
Cabinets	Diameter: 12 3/4" (29.5 cm) Depth: 1 7/8 " (5.1 cm) Material: injection-molded black ABS plastic
Weight	1.6 lb. (0.73 kg) including bracket
Viewing Distance	100+ feet
Accuracy	±1 second
Operating temperature	32–104° F (0–40 C)
Operating humidity	95% maximum, non-condensing
Power consumption	4 watts, single PoE cable
Mounting option	Ceiling or cantilever wall mount

Availability and Cost

Novanex maintains stock of most models to allows order fulfillment within 1-2 business days.

For current inventory and pricing inquires contact your authorized distributor:

<http://novanex-solutions-inc.myshopify.com/apps/store-locator>

Or contact Novanex directly:
sales@novanexsolutions.com
+1-434-509-1108

Technical Services

Contact Novanex for installation and user guides.

12-hour circular clock face visible from 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

Double-sided Clocks

Model	ONTA12DS-BK
Cabinets	Diameter: 12 3/4" (29.5 cm) Depth: 4 " (10.8 cm) Material: black injection-molded ABS plastic
Weight	7 lb. (3.2 kg) including bracket
Viewing Distance	100+ feet
Accuracy	±1 second
Operating temperature	32–104° F (0–40 C)
Operating humidity	95% maximum, non-condensing
Power consumption	4 watts, single PoE cable drives both clocks
Mounting option	Ceiling or cantilever wall mount

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