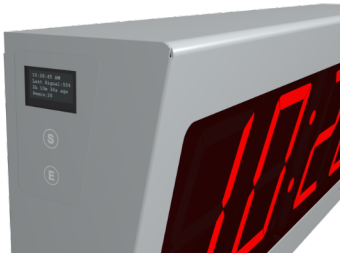
National Time & Signal

PoE DIGITAL CLOCKS

The PoE Digital Clocks from National Time blend modern technology with proven reliability. These Power Over Ethernet clocks receive power and time data through a single network cable to leverage existing building network infrastructure and simplify installation. The epoxy filled digit segments ensure many years of dependable operation and combined with the easy IT management of PoE creates a best of both worlds solution.



Features. The PoE Digital Clocks synchronize with network time to ensure accurate time keeping throughout the facility. The free National Time Device Cloud shows each clock's check-in history, alternately the clocks can be configured to check-in to an internal time server with no cloud reporting. National Time's exclusive automatic dim feature decreases the brightness to compensate for low ambient light levels. This not only provides a pleasant brightness level in any room, but also saves energy during nighttime hours. Nine brightness levels may be selected to satisfy the brightest locations. Add a durable metal housing to the long life epoxy filled digit segments and you won't find better value.



Exclusive Interactive Display. PoE Digital Clocks feature National Time's exclusive interactive display on the side of each clock. The display provides a user friendly interface to view device statuses and configure clock settings. View the clocks network connection status, IP address, and MAC address; additionally, settings including time display format, brightness, auto-dim threshold, and timer settings can be configured through the menus.

Digit and Size Options. Single face and double face clocks are available in both 2.3" and 4" wide bar digits that increase the visibility over clocks of comparable size. 6-Digit versions displaying hours, minutes and seconds are also available. Cases are attractively finished in Powder Gray or Black enamel.
Both single face and double face clocks require only one network drop.

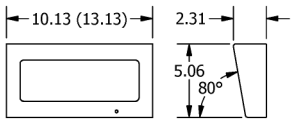




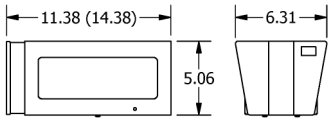
Benefits:

- Fast, easy setup with National Time's exclusive multi-line display
- Power over Ethernet 802.3af Class 2 device
- Only one network drop per clock, even double face
- 9 Brightness Levels with Auto-Dim Feature that adjusts to ambient light levels
- Easy to read wide bar digits are epoxy sealed for longevity
- 12/24-hr Display Format
- No Master Clock or Software Install Required
- Made in USA

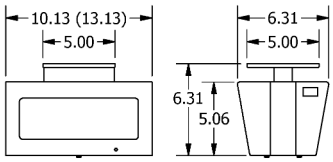
Dimensions shown are 4-Digit clocks, 6-Digit dimensions are in parenthesis.



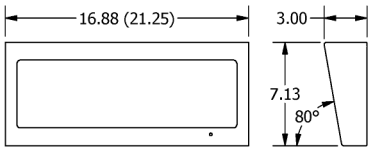
Single Face 225 Series



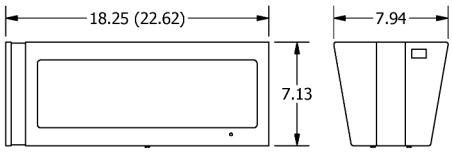
Double Face 225 Series Wall Mount



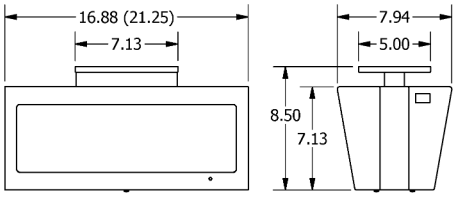
Double Face 225 Series Ceiling Mount



Single Face 400 Series



Double Face 400 Series Wall Mount



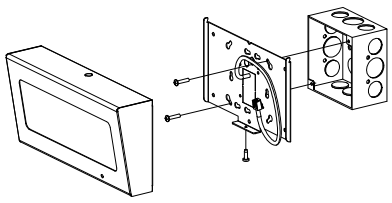
Double Face 400 Series Ceiling Mount

Indoor Use Only

Power over Ethernet: 802.3af Class 2

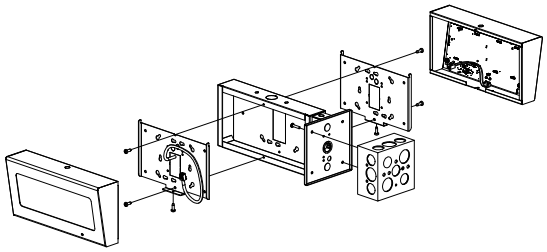
Regulatory Compliance: FCC Part 15, Subpart B, Class A; ICES-003 Class A

Typical Installations



Single Face

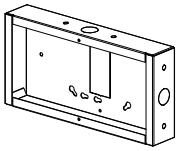
The Standard Hanger Bracket mounts to Handy/Single Gang/Double Gang/4 Square electrical boxes. Route the PoE cable through the large knock-out in the center of the bracket.



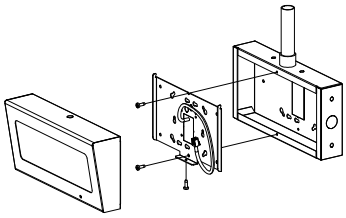
Double Face

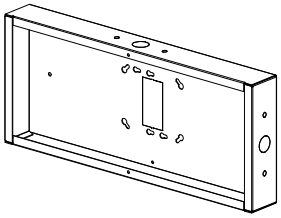
The Double Face Bracket mounts to a securely installed 4 Square electrical box. For ceiling mount installations, the Double Face Bracket can be assembled using the holes in the top of the corridor box. Only one PoE cable is required for a Double Face clock.

PoE DIGITAL CLOCK ACCESSORIES

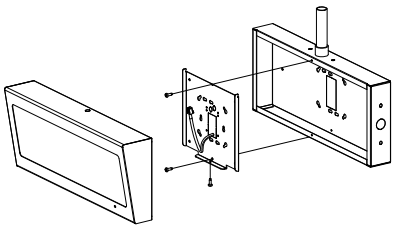


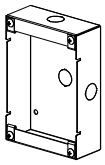
D225-SURF BOX : Surface Mount Box for 4-Digit D225
The Surface Mount Box can be mounted to Handy/Single Gang/Double Gang/4 Square electrical boxes or directly to the wall surface. The Surface Mount Box has knock-outs for conduit entry. The D225 Surface Box adds 1.75" of depth.
For 6-Digit D225 clocks, use the D225-6-SURF BOX



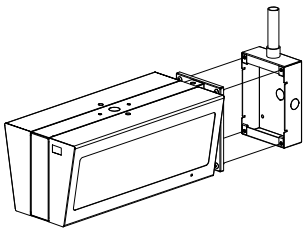


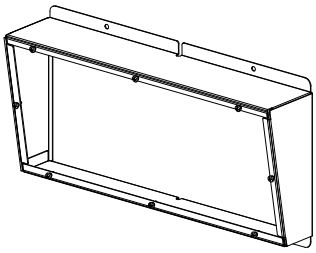
D400-SURF BOX : Surface Mount Box for 4-Digit D400
The Surface Mount Box can be mounted to Handy/Single Gang/Double Gang/4 Square electrical boxes or directly to the wall surface. The Surface Mount Box has knock-outs for conduit entry. The D400 Surface Box adds 2" of depth.
For 6-Digit D400 clocks, use the D400-6-SURF BOX



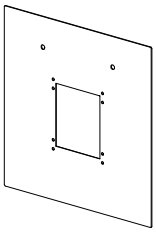


D400-CORR-SURF BOX : Double Face D400 Surface Mount Box
The Surface Mount Box for D400 Double Face clocks mounts directly to the wall surface. Knock-outs on the sides of the surface box allow for conduit entry. The Surface Mount Box adds 2" of depth.

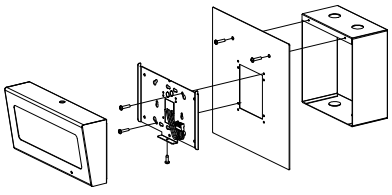


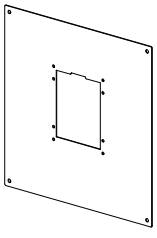


CV-GUARD-SF-SL : Clear-View Guard, Semi-Flush
The steel protective guard has a clear polycarbonate window for obstruction free viewing. See Bulletin C-624 for more information on the Clear-View Guard.
For clocks with a Surface Mount Box, use the CV-GUARD-S-SL



ADAPT-143 : Flush Mount Adapter for Digital Clocks
Adapter plate allowing D225 and D400 digital clocks to mount to a National Time 143 Flush Clock Wall Box. The ADAPT-143 plate is 10" x 10".





ADAPT-GENERIC : Generic Adapter Plate for Digital Clocks
Adapter plate allowing D225 and D400 digital clocks to install over existing wall boxes by other manufacturers. The ADAPT-GENERIC plate is 10" x 10" with four mounting holes at the corners of the plate.
Custom adapter plates are available upon request.

National Time & Signal

PoE DIGITAL ORDERING INFORMATION

Model Number	Description
2.3" Digital Clocks - Single Face	
SF-D225R-4-POE	PoE 2.3" Digital Clock, Red 4-Digit
SF-D225R-6-POE	PoE 2.3" Digital Clock, Red 6-Digit
2.3" Digital Clocks - Double Face[1]	
DF-D225R-4-POE	PoE 2.3" Double Face Digital, Red 4-Digit
DF-D225R-6-POE	PoE 2.3" Double Face Digital, Red 6-Digit
4" Digital Clocks - Single Face	
SF-D400R-4-POE	PoE 4" Digital Clock, Red 4-Digit
SF-D400R-6-POE	PoE 4" Digital Clock, Red 6-Digit
4" Digital Clocks - Double Face[1]	
DF-D400R-4-POE	PoE 4" Double Face Digital, Red 4-Digit
DF-D400R-6-POE	PoE 4" Double Face Digital, Red 6-Digit

Accessories

Model Number	Description
Surface Boxes	
D225-SURF BOX	Surface Box for 4-Digit D225 Clocks
D225-6-SURF BOX	Surface Box for 6-Digit D225 Clocks
D400-SURF BOX	Surface Box for 4-Digit D400 Clocks
D400-6-SURF BOX	Surface Box for 6-Digit D400 Clocks
D400-CORR-SURF BOX	Corridor Kit Surface Box for Double Face D400 Clocks
Double Face Brackets[2]	
D225-4-CORR KIT	Corridor Kit for D225, 4-Digit Clocks
D225-6-CORR KIT	Corridor Kit for D225, 6-Digit Clocks
D400-4-CORR KIT	Corridor Kit for D400, 4-Digit Clocks
D400-6-CORR KIT	Corridor Kit for D400, 6-Digit Clocks
Wall Transformer[3]	
WT-24V-BC-S	24VDC 0.5A Plug-in Wall Transformer with Barrel Connector
Accessories	
CV-GUARD-SF-SL	Clear-View Protective Guard for Semi-Flush Installations
CV-GUARD-S-SL	Clear-View Protective Guard for Surface Installations
ADAPT-143	Adapter Plate (10x10) for mounting to NATSCO #143 Analog Clock Box
ADAPT-GENERIC	Adapter Plate (10x10) corner mounting holes
ADAPT-CUSTOM	*Consult Factory for custom mounting plates*

Default Color is Grey. Add Suffix -BLK to Part Number for Black Enclosures.

1. Double Face clock assemblies include a Single Face clock and a secondary clock display for the back side of the unit.

2. Included with Double Face Clocks. For Single Face, Flag-Mount installations, order the Corridor Kit separately.

3. Optional Wall Transformer for installations without PoE, a LAN connection is still required for timekeeping.