

# Network Time Manager

*Time sync with a 10 year battery backup  
for your Avi-on Network*

**Easy Install**

Simply install in the network like any other Avi-on device within mesh range of other network devices.



**12VDC Power**

The Network Time Manager is powered by 12VDC making it easy to install with an Avi-on Network.

**Battery Backup**

The Network Time Manager includes a high capacity 10-year lithium battery to keep your network in time through daylight savings changes and unexpected power outages. Maintains time for over 15,000 hours of power outages on a single battery

**Automated Sunrise/Sunset Updates**

The Network Time Manager automatically updates sunrise/sunset times throughout the year, automatically adjusting for leap years, DST, and other changes.

## PRODUCT OVERVIEW

### Stay in time with Avi-on

Avi-on's Network Time Manager provides 10 year battery back up time sync to Avi-on networks. Simply provide 12V power, and install within a fixture, electrical back box, or any other place within range of the overall mesh network, and the Timekeeper will ensure the network devices are synchronized to current time whenever powered/online.

## ORDERING INFORMATION

Part Number	Name	Description
AVI-KIT-NTM-277	Network Time Manager Kit	Maintains accurate time sync for scheduling and energy reporting. Required when schedules or energy data are used. 277V
AVI-ASSY-NTM-277	Network Time Manager Assembly	Pre-wired Network Time Manager assembly, ready for installation. 277V
AVI-KIT-NTM-480	Network Time Manager Kit	Maintains accurate time sync for scheduling and energy reporting. Required when schedules or energy data are used. 480V
AVI-ASSY-NTM-480	Network Time Manager Assembly	Pre-wired Network Time Manager assembly, ready for installation. 480V

To order please contact Avi-on sales at **(877) AVION-US**, (877) 284-6687 or [prosales@avi-on.com](mailto:prosales@avi-on.com) for information on becoming an Avi-on partner and order details.

<b>Project</b>		<b>Location/Type</b>	
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# SPECIFICATIONS

## Electrical

11 - 18VDC Specifications	Min	Max	Unit
Supply Voltage Vin - GND	11	18	V
Operating Current	17	25	mA
Storage Temperature	-40	+85	°C
Ambient Operating Temperature	-30	+85	°C
Outage Hours	15000	-	Hours

## Wire Connections

Signal Name	Wire Color	Description
12/24v+ (PWR)	RED	DC Power Input
GND-	BLACK	DC Ground.

## Case Dimensions (Excluding Wires)

Part	Length	Width	Height
All	3.31" (84 mm)	2.28" (58 mm)	1.30" (33 mm)

## Wire Dimensions

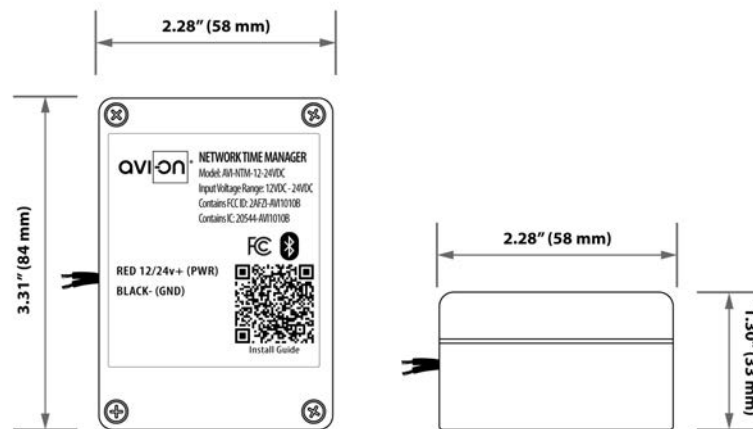
Part	Length
All	5.90" (150 mm) outside of case

## Certifications

Regulatory	Description
USA*	FCC: 2AFZI-AVI1010 B
EU	E: 0700 Model: AVI1010-B
Canada	IC: 20544-AVI1010 B
BQB	DID: D031801 Qualified Design ID: 86303

\*UL not required, Fixture Adapters are low voltage DC-power devices.

# DIMENSIONS



# ASSEMBLY

## Network Time Manager Assembly

The Network Time Manager Assembly delivers all the time synchronization capability of the standard NTM kit in a fully pre-wired, enclosure-mounted configuration. The assembly integrates the Network Time Manager module and power supply inside a weather-resistant NEMA-rated enclosure, with a pre-attached power cord — ready to mount and connect without field wiring.

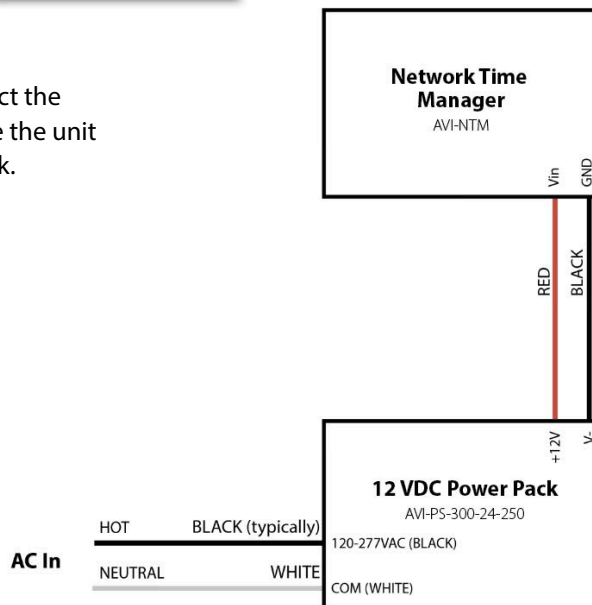
Designed for installations where simplified deployment is a priority. Mount it, plug it in, and once claimed, the NTM begins synchronizing time across the Avi-on Bluetooth mesh network immediately.



# WIRING DIAGRAM

## Avi-on Timekeeper

No internet connection required. Connect the included 12VDC power supply and place the unit within range of the Avi-on mesh network.



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