N3 Satellite

Enables Ketra's luminaires to join the Ketra control network

Wireless network for easy installation

On-board content storage and astronomical time clock

Low voltage interface ports for interfacing with occupancy/vacancy and daylight sensors, 0-10 V, contact closure, and DMX devices [1]

ORDERING GUIDE

Please download this PDF to use the interactive drop down features of the ordering guide.

		16		BK
Product Line	Model	Region /Voltage	Installation	Housing Color

Order code: _____

Product Line	Code
Commercial	**CM-**
Residential (HomeWorks compatible)	**HW-**

Model	
KetraNet N3 Satellite Link	**N3IND**
CCX N3 Satellite Link [2]	**N3LTX**

Region / Voltage	Code
North America, 100-277 V~ 60 Hz	**16**

Installation	
Recessed Rated Housing	**REC**
Plenum Rated Housing	**PLE**

Housing Color	
Black	**BK**

[1] Functionality will vary between the KetraNet and Clear Connect Type X versions of the N3.
[2] CCX stands for Clear Connect Type X.

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KETRA

N3 SATELLITE

P/N 3662378 Rev C
Specifications are subject to change without notice

SPECIFICATIONS[1]

Optical & Electrical Performance

Operating Temperature	**-20 to 50 ˚C**
Storage Temperature	**-20 to 80 ˚C**
Humidity	**0 - 95%, Non-condensing**
Certification	**UL, cUL, FCC Class A, RoHS**
Location[1]	**UL Damp Location, IP20**
Outdoor Use	**Not for use in outdoor applications**

Mechanical

Weight	**2.93 lbs, 1.33 kg**
Housing Material	**Formed Steel, Polymer**

Power

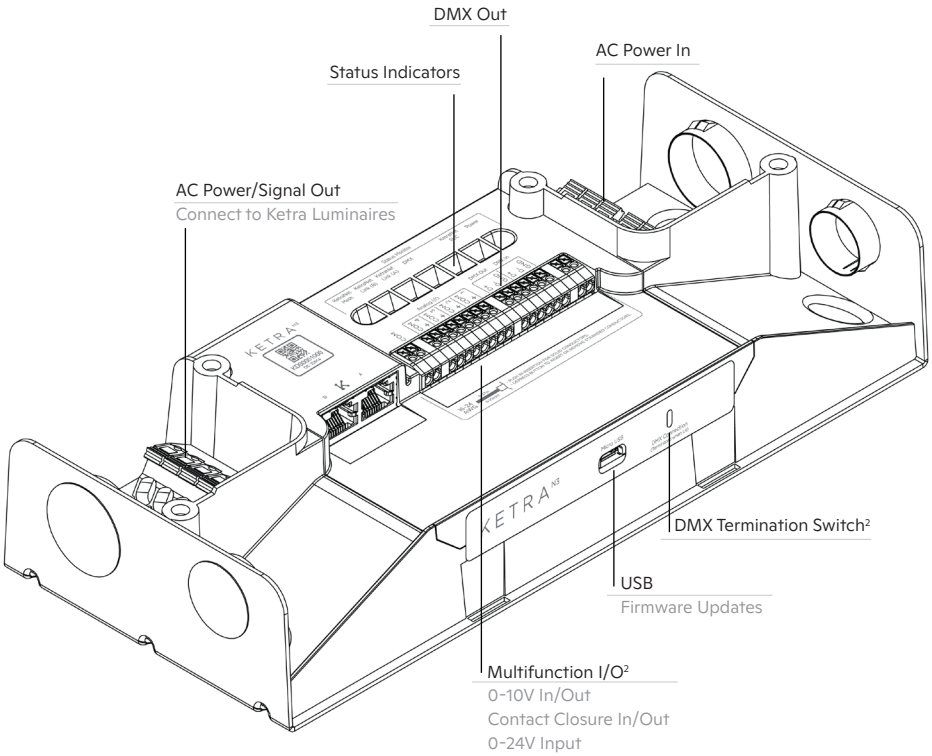
Load Ratings	**Per Unit: 16 A @ 120 V~ 60 Hz (20 A de-rated to 80%)**
Power Requirements	**Unit consumes 5 W electrical power Current: 0.041 A @ 120 V~**

To compute total load, add 5W to sum of all connected luminaire power ratings.

Voltage	**120-277 V~ 60 Hz**

Enclosure & Connections

Connections (Class 1)	
AC Power In (3 Conductor 100-277 V~ 60Hz)	**10 - 16 AWG (4 - 1 mm²)**
AC Power Out (4 Conductor)	**Standard Ketra Leader Cable or 10 - 16 AWG (4 - 1 mm²)**
Connections (Class 2)	
Multifunction I/O (4 channels)	**16 - 24 AWG (1 - 0.2 mm²)**
Max Voltage per channel:	**30 V⎓**
0-10 V Input/Output	
0-10 V Sinking	
Max Current Per Channel:	**100 mA**
Max Total Current:	**200 mA**
0-10 V Current Sourcing	
Max Current Per Channel:	**less than 5 uA**
0-24 V Input	
Voltage Range:	**0 to 24 V**
Contact closure mode	
Maximum output sink current (per channel):	**1.0 A**
Full Universe of DMX Out	
KetraNet Mesh Wireless	
USB Port	**1 - Micro-B USB console port, for firmware updates**



Note: USB port not accessible with cover installed. Allow clearance around product for access after installation.

[1] Product includes on-board wireless radio for communications. Do not enclose in metallic enclosure as it may impact radio performance.
[2] Functionality will vary between the KetraNet and Clear Connect Type X versions of the N3.

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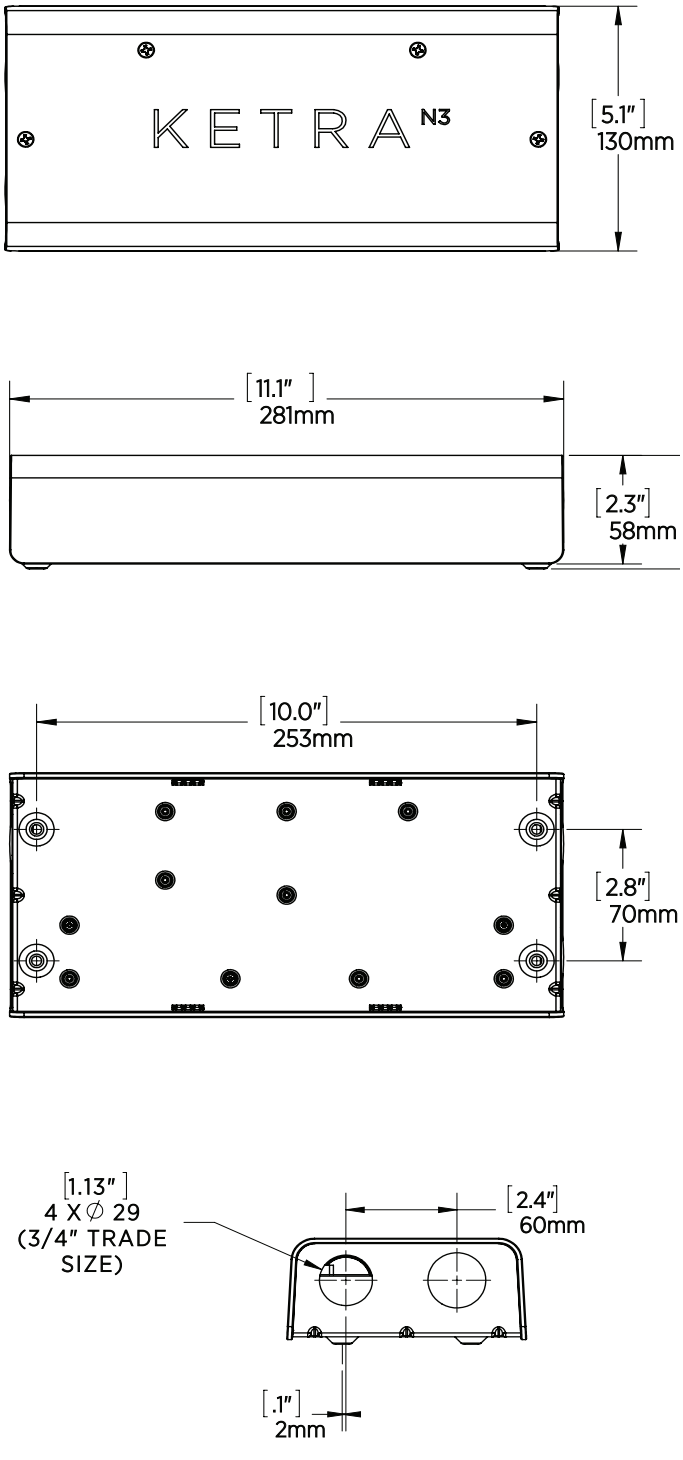
PRODUCT DIMENSIONS



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