



# WIZ100 Sensor

Daintree® Networked Wireless Integrated Sensor



## BEFORE YOU BEGIN

Read these instructions completely and carefully.  
Save these instructions for future use.

### ⚠ WARNING / AVERTISSEMENT

#### RISK OF ELECTRIC SHOCK

- Disconnect power before service installation, or maintenance of the product.

#### RISK OF FIRE

- Follow all relevant IEC or UL instructions and local building codes.

#### RISK OF INJURY

- Wear safety glasses and gloves during installation and servicing.

## FCC / IC COMPLIANCE STATEMENTS

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To satisfy FCC/ISED RF exposure requirements a separation distance of 20 cm or more must be maintained between the antenna of this device and persons during operation. Operation at closer than 20cm is not permitted.

Pour être conforme aux limites d'exposition aux ondes RF des normes FCC/ISED, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toute personne pendant son opération. Mettre en opération cet appareil à une distance plus rapprochée que 20 cm n'est pas permis.

## Prepare Electrical Wiring



### Electrical Requirements

- In case of Digital bus miswiring, mains can be present on the device. Make sure all electricity is switched off before inspection.



### Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with National electric Code (NEC) Article 600 and local codes.

## IMPORTANT

To ensure the product warranty is valid, please ensure all installation instructions and environmental conditions for storage and operation are complied with. Installation to be performed by factory trained or qualified personnel.

## Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

## Product Overview

The Daintree® Networked Wireless Integrated Sensor (WIZ100) is a small-size sensor for use with luminaires, through integration or adjacent attachment. Using the WIZ100 sensor with each luminaire provides motion sensing and daylight harvesting data to the Daintree Networked Lighting Control System while enabling dimming and on/off commands to be delivered to the luminaire. The control of the luminaire is carried out through a digital bus between the sensor and the luminaire's driver/controller; the digital bus also provides the necessary power for the sensor. The communication with the Daintree Networked WAC60 utilizes a secure and reliable wireless connection which helps minimize the installation costs and complexity.

## Technical Data

### Product Specifications

<b>Dimensions</b>	See Dimensional Diagram
<b>Weight</b>	12.8g
<b>Current consumption</b>	Max 8mA(without digital communication)@Max 22.5V Class 2
<b>Voltage rating</b>	Max. 22.5V, Class 2, capable of no greater than 15VA power
<b>Module type</b>	Passive infrared (PIR) sensor (for motion) and light sensor
<b>Operating Environment</b>	0C to 50C (Indoor)
<b>Status indicator</b>	Network joined / Motion is detected
<b>Connections</b>	Cable connection to driver or interface module
<b>Mounting</b>	Installs within a 22mm (0.87") hole with provided nut
<b>Recommended mounting height</b>	10 feet
<b>Warranty</b>	5 years

### Product Availability

SKU	DESCRIPTION	ARTICLE NO
95039263	Daintree® Networked Wireless Integrated Sensor	WIZ100

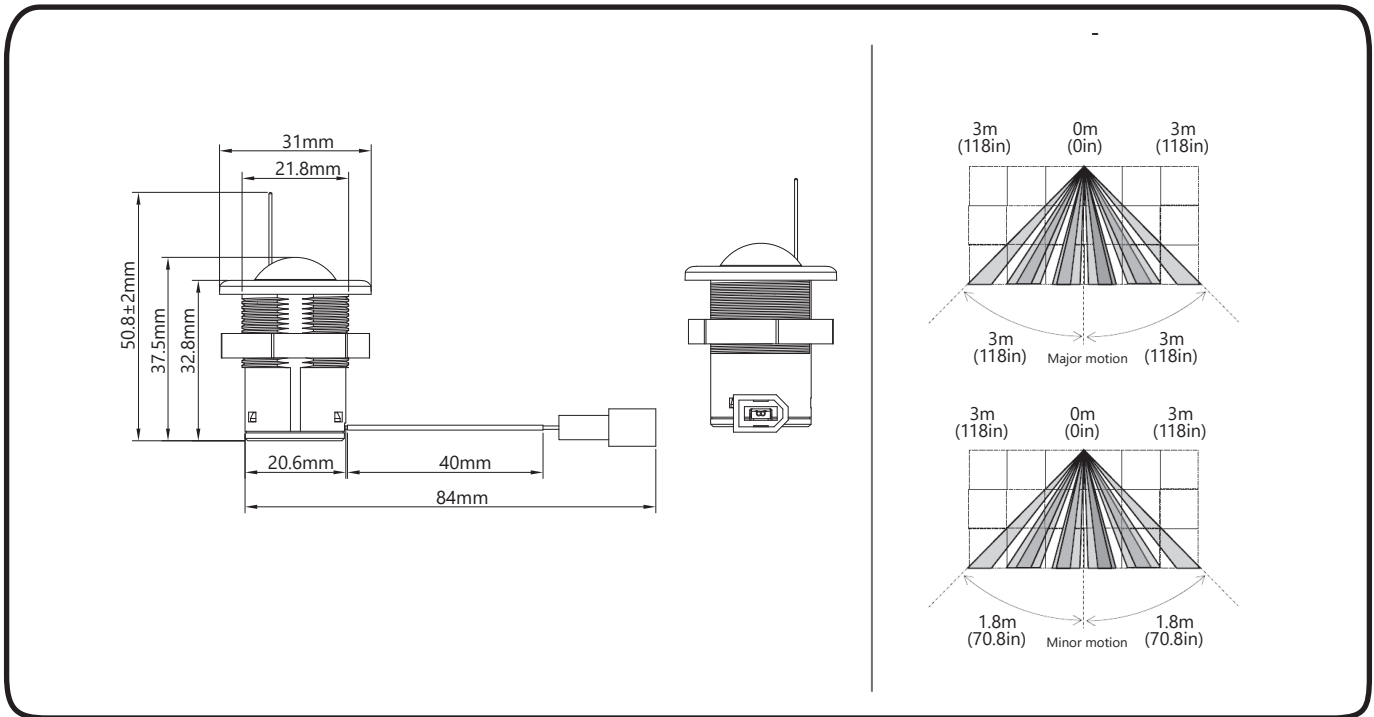
### Product Certifications



### Additional Information

<b>Method of Mounting Control</b>	Independently Mounted Control for panel mounting
<b>Type of action and additional features</b>	Type 1
<b>Control Pollution Degree</b>	2
<b>Software Class and Structure</b>	Class A
<b>Maximun Interconnection Cable Length</b>	3m
<b>Rated Impulse Voltage</b>	330V

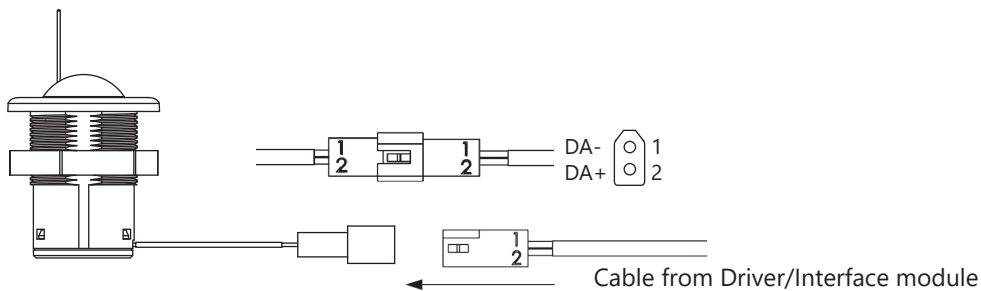
## Dimensions



## Operating Instructions

Connect the WIZ100 Sensor Digital bus line with the connectors to the below drivers and interface module:

- Connected Indoor Driver (CID): limited compatibility to allow proper operation of fixture (OFF, background level dim and task level lighting) and OTA
- UltraMax® Digital Power Bus to 0-10V interface module: ON/OFF and dimming commands only (Fault reporting not available, dimming curve not selectable)



Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Suppliers Name: Current Lighting Solutions, LLC

Suppliers Address (USA): 1975 Noble Road, East Cleveland, OH 44112

Suppliers phone number and / or internet contact information: 1-866-855-8629