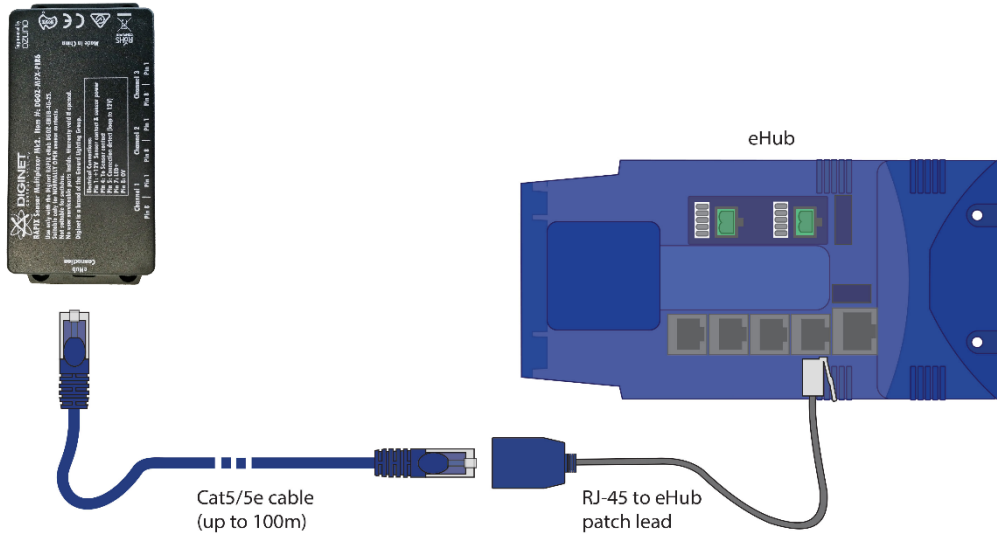




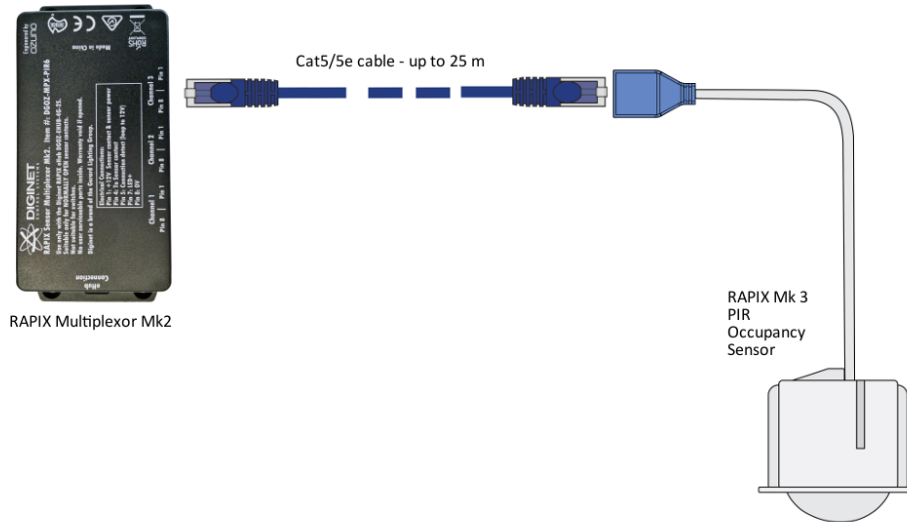
<b>Order Code</b>	DGOZ-MPX-PIR6
<b>Overview</b>	The RPIX Multiplexor Mk2 is used as part of a RPIX Lighting Control System to allow each of the four smart ports on an eHub to connect to multiple occupancy sensors. The device connects to a RPIX eHub via a Cat5/6 cable and is powered via the eHub. Up to 3 occupancy sensors can be directly connected to each Multiplexor Mk2
<b>Features</b>	<p>Expands eHub smart ports to allow up to 3 occupancy sensor inputs on each of the four ports (12 in total).</p> <p>Connects directly to and is powered by a RPIX eHub.</p> <p>RJ-45 connection to eHub</p> <p>Light and small, 80 g, 138 mm x 63 mm x 31 mm.</p> <p>SELV only, no mains segregation requirements.</p> <p>Short circuit and reverse polarity protected.</p> <p>Screw holes and slots for easy mounting or tie-down.</p>
<b>Typical Applications</b>	Commercial buildings, Boardrooms, Hotels, Health care facilities, Education facilities, Homes.

## Connections



## Wiring

Up to 3 RAPIX Mk 3 occupancy sensors can be connected to a Multiplexor Mk2



## Important Notes:

- The 3 x sensor connections can also be broken out for other sensor types, using the wiring shown on the Multiplexor Mk2 case.
- These inputs are powered by an eHub and are not isolated inputs. Do not connect open collector type outputs to those inputs.

**Specifications**

Parameter	Specification
Input Voltage	12 V dc (supplied via RAPIX eHub)
Input Current	10 mA with no PIRs Up to 160 mA fully populated with PIRs Each PIR should have a current draw < 50 mA.
Number of PIR Connections Supported	3
Maximum Distance Between eHub and Mux Mk2	100 m (cat5 / cat5e / cat6 cable)
Maximum Distance Between Mux Mk 2 and a PIR	25 m (cat5 / cat5e / cat6 cable)
Electrical Isolation Rating	SELV, as determined by installation of the eHub
Identification LED indicator colour	Red (built in near eHub connection)
Ambient operating temperature	0 to 50° C
Ambient storage temperature	-10 to 70° C
Humidity	0% to 95% RH non-condensing
Ingress protection	IP20
Materials	Flame retardant polycarbonate, UL 94V-0
Weight	80 g

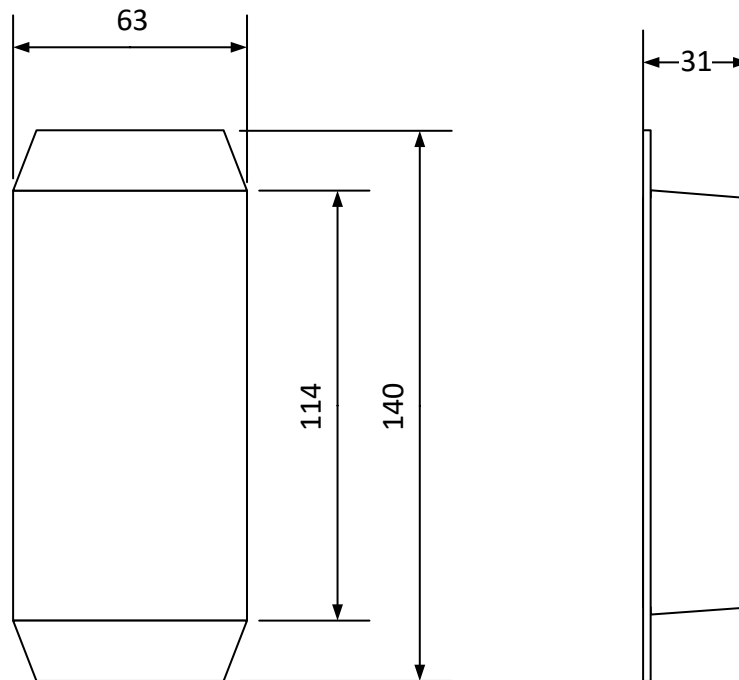
**Standards & Compliance**

IEC 60669-2-1, EN 60669-2-1, AS/NZS 60669.2.1  
 IEC 61000-3-2, -3, EN 61000-3-2, -3, AS/NZS 61000-3-2, -3  
 IEC 61000-4-2, -3, -4, -5, -6, -8, -11,  
 EN61547:2009,  
 AS/NZS CISPR 15:2011

**EC Council Directives**

2014/35/EU    Low Voltage  
 2014/30/EU    Electromagnetic Compatibility (EMC)  
 2015/863      Restriction of Hazardous Substances (RoHS) in Electrical and Electronic Equipment

**IP20**


**Dimensions****Contact Information**

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**Ozuno Trading Pty Ltd**

ABN: 96 621 194 483

This product includes a **TWO-YEAR WARRANTY** against manufacturing defects.

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