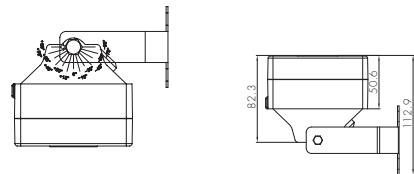
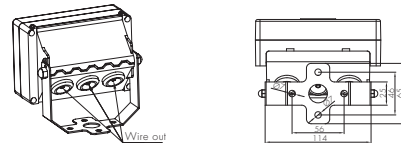
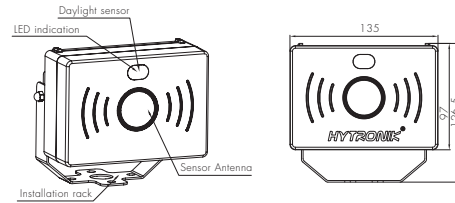
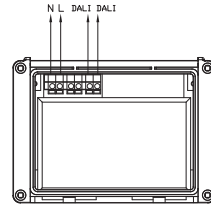


1. Technical Specifications

Sensor principle	High Frequency (microwave)
Operation frequency	10.5256Ghz
Frequency range	>10.5 Ghz and <10.6 Ghz
Input	220-240VAC 50/60Hz
Warming-up	20s
Current Consumption	Max. 2mA from DALI Bus
Output	DALI-2 Command
Transmission power	<0.5mW
Detection range (Max.)	Max installation height: 27m (forklift) Max installation height: 20m (human) Max detection range: 17 * 14m (L * W)
Detection angle	30° ~ 150°
Operation temperature	Ta: -20°C ~ +60°C
Case temperature (Max.)	Tc: +75°C
Storage temperature	-40°C ~ 70°C
Relative humidity	20 ~ 90%
IP rating	IP65
Insulation	Class II

2. Installation

Mechanical Structure & Dimensions



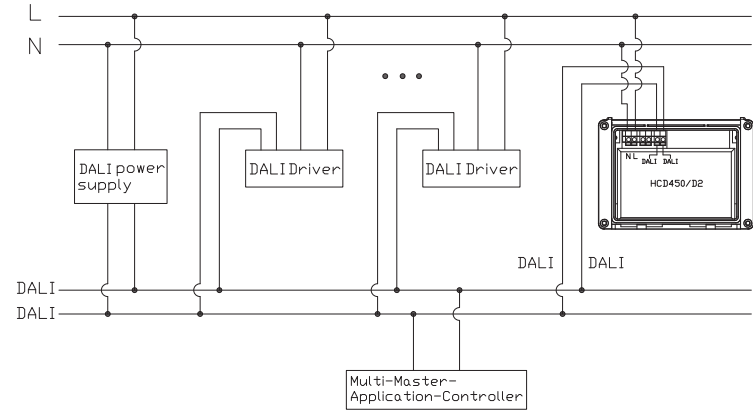
Wire Preparation



To make or release the wire from the terminal, use a screwdriver to push down the button.

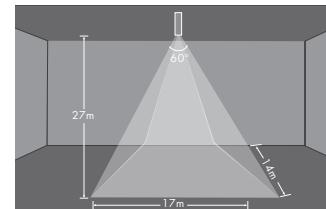
- 200 metres (total) max. for 1mm² CSA (Ta = 50°C)
- 300 metres (total) max. for 1.5mm² CSA (Ta = 50°C)

Wiring Diagram

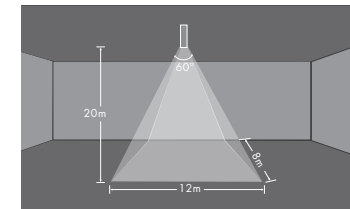


—This product should be installed by a qualified electrician.

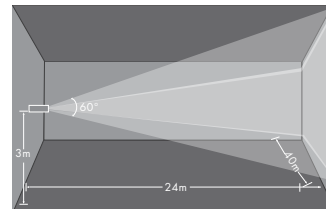
3. Detection Pattern



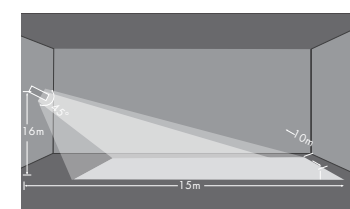
Forklift driving



Single person continuous walking



Single person continuous walking



Single person continuous walking

4. Additional Information / Documents

- Regarding precautions for PIR Sensors installation and operation, please kindly refer to www.hytronik.com/download → knowledge → PIR Sensors - Precautions for Product Installation and Operation
- Data sheet is subject to change without notice. Please always refer to the most recent release on www.hytronik.com/products/Motion Sensors → Stand-alone Sensors
- Regarding Hytronik standard guarantee policy, please refer to www.hytronik.com/download → knowledge → Hytronik Standard Guarantee Policy