



General Description	
Technology	3D stereo vision / Edge computing with artificial intelligence (AI)
Environment	Outdoor
Data storage	up to 3 years (depending on the number of counters)
Data privacy	4 privacy modes / data is only transmitted in text format and without any kind of personally identifiable information
Integration	API with Swagger documentation, data pushes, remote device management tool, count verification tool on-device

Electrical Characteristics	
Power supply	Power over Ethernet, Class 0 (IEEE 802.3af, nominal 48V)
Power consumption	Maximum 6.0 W, 0.125 A

Environmental Conditions	
Required illumination	Minimum 9 lux
Operating temperature	-33 °C to +40 °C / -27 °F to +104 °F
Storage temperature	Long-term storage (max. 6 months): +5 °C to +35 °C / +41 °F to +95 °F transport (< 1 month): -20 °C to +70 °C / -4 °F to +158 °F
Relative humidity	0 to 95 % (non-condensing)
Pollution degree	PD4 (acc. to IEC 62368)
Ingress protection	Ingress protection against water and dust
Shelf life	6 months

# PC2SE-0 Technical Datasheet

## Physical Interfaces

Ethernet	IEEE 802.3ab 1000Base-T (Gigabit Ethernet)
Connector	RJ 45 (water protection caps included)
Cable	Up to 100 m / 328 ft, min. Cat-5e (shielded) or higher
PoE power source	Use power supplies compliant with all locally applicable safety standards

## Network Interfaces

Supported protocols	IPv6, IPv4, DHCP, HTTPS and password-protected configuration access
Data push protocols	HTTP(S), FTP(S), SFTP, MQTT(S), TCP, UDP

## Installation / Mounting

Mounting options	Different mounting options available. Find more information in our accessory brochure.
Mounting height	<p><b>PC2SE-0 / PC2SE-L-0</b> 2.20 m to 6.00 m / 7.22 ft to 19.69 ft</p> <p><b>PC2SE-UL-0</b> 2.20 m to 3.50m / 7.22 ft to 11.48 ft</p> <p>Find more information in our selection guide to get an overview of the coverage.</p>
Mounting angle (tilt)	+/- 15° in x-axis +/- 5° in y-axis
Grounding	Sensor grounding is optional. The use of shielded cables is recommended.

## Mechanical Characteristics

Weight (incl. mounting plate)	1100 g / 2.43 lb
Dimensions (L x W x H)	15.45. x 10.29 x 8.30 cm / 6.08 x 4.05 x 3.27 in

## Standards, approval, certificates

Safety	IEC 62368-1 EN 62368-1
EMC	IEC 61326-1 EN 61326-1 CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 35 / EN 55035 FCC 47 CFR part 15 Edition ICES-001, Issue 5
Privacy	ePrivacy seal, 4 privacy levels for GDPR-compliant operation
Others	2011/65/EU (RoHS)

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MTBF Results		
Temperature °C	Failure rate [FIT]	MTBF [h/years]
40	3063.6	326'446 / 37.27
55	5329.4	187'640 / 21.42
60	6431.3	155'489 / 17.75
65	7771.1	128'682 / 14.69

MTBF Calculation based on IEC 61709:2017 (SN 29500:2014) for stationary use at weather protected or non-weather protected locations (E2) for mean component ambient temperatures.

Models and ordering information	
Available models	Features / Benefits
PC2SE-0 (basic model)	2.20 m to 6.00 m / 7.22 ft to 19.69 ft
PC2SE-UL-0	2.20 m to 3.50 m / 7.22 ft to 11.48 ft Optimized for low mounting heights
PC2SE-L-0	2.20 m to 6.00 m / 7.22 ft to 19.69 ft Optimized for mounting heights close to 6 m/19.69 ft
Color	Grey (RAL9006)

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