



Figure can vary

Part no.: 50132136
LCAM 408i C7F-XX
Camera



Contents

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Part no.: 50132136 – LCAM 408i C7F-XX – Camera

Technical data

Basic data	
Series	LCAM
Chip	CMOS

Functions	
Software functions	Image transfer

Optical data	
Working range	1,000 ... 5,000 mm
Camera resolution, horizontal	2,592 px
Camera resolution, vertical	1,944 px
Focal length	4 mm
Chip size	1/2.5 in
Frame rate (images per second), max.	53 pieces per second
Camera type	Color

Electrical data	
Performance data	
Supply voltage U _B	18 ... 30 V , DC
Power consumption, max.	3.6 W

Interface	
Type	Ethernet
Ethernet	
Address assignment	DHCP Manual address assignment
Transmission speed	1 Gbit/s 10 Mbit/s 100 Mbit/s
Function	Process Service
Switch functionality	None
Transmission protocol	TCP/IP , RTP/RTSP

Connection	
Connection 1	
Type of connection	Connector
Designation on device	SERVICE
Function	Configuration interface Data interface Service interface
Thread size	M12
No. of pins	8 -pin
Encoding	X-coded

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Connection 2

Type of connection	Connector
Designation on device	PWR
Function	Voltage supply
Thread size	M12
No. of pins	4 -pin
Encoding	A-coded

Mechanical data

Dimension (W x H x L)	75 mm x 55 mm x 113 mm
Housing material	Metal
Lens cover material	Glass
Net weight	411 g

Environmental data

Ambient temperature, operation	-30 ... 70 °C
Ambient temperature, storage	-30 ... +70 °C

Certifications

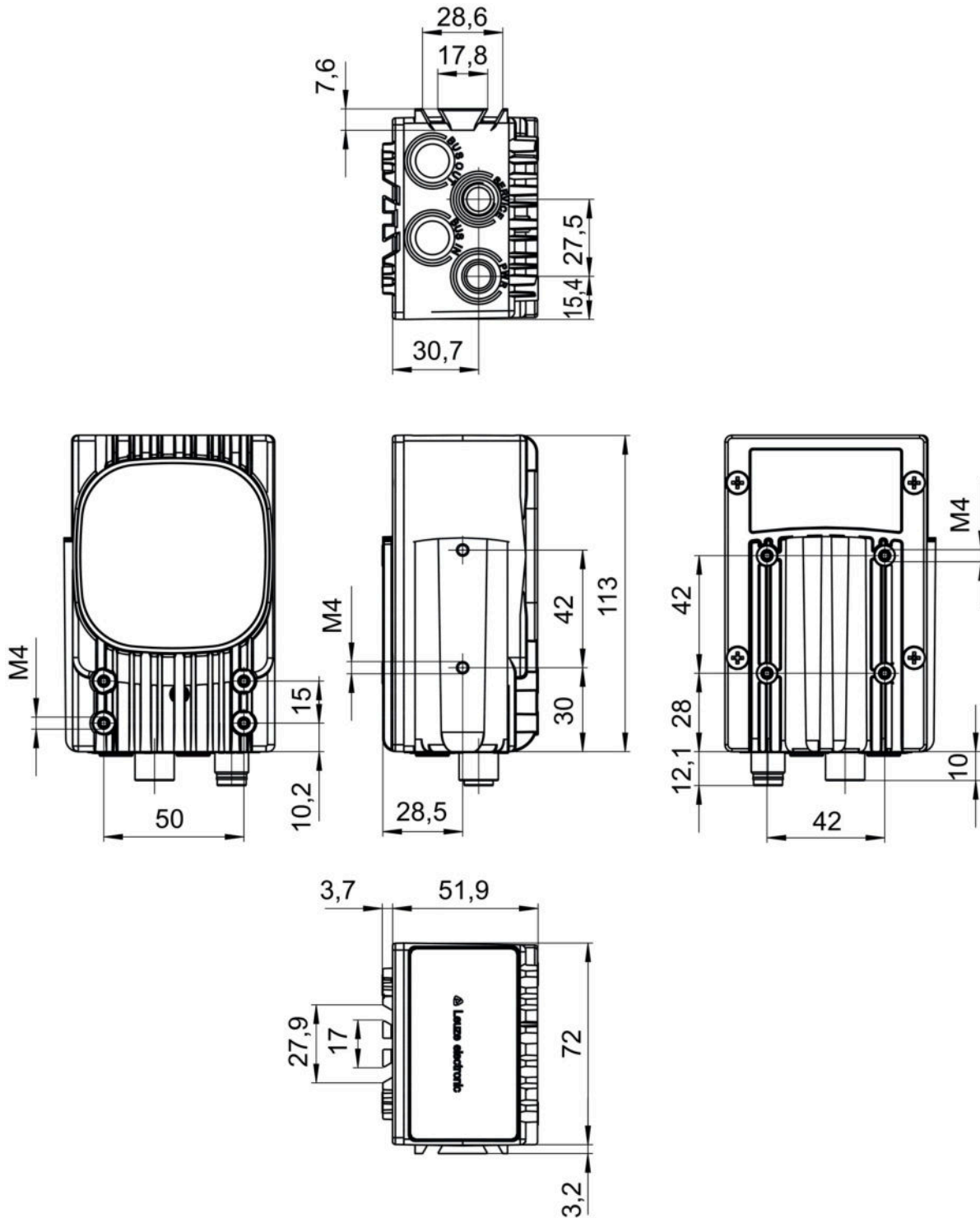
Degree of protection	IP 65 IP 67
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Classification

Customs tariff number	84733080
eCl@ss 8.0	27310201
eCl@ss 9.0	27310201

Dimensioned drawings

All dimensions in millimeters



Electrical connection

Connection 1	SERVICE
Type of connection	Connector
Function	Configuration interface Data interface Service interface
Thread size	M12
Type	Female

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Connection 1	SERVICE
Material	Metal
No. of pins	8 -pin
Encoding	X-coded


Pin	Pin assignment
1	D1+
2	D1-
3	D2+
4	D2-
5	D4+
6	D4-
7	D3-
8	D3+

Connection 2	PWR
Type of connection	Connector
Function	Voltage supply
Thread size	M12
Type	Male
Material	Metal
No. of pins	4 -pin
Encoding	A-coded

Pin	Pin assignment
1	V+
2	n.c.
3	GND
4	n.c.

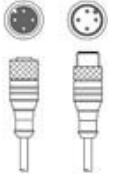
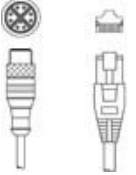
Accessories

Connection technology - Connection cables


	Part no.	Designation	Article	Description
	50130657	KD U-M12-4A-P1-050	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin Connection 2: Open end Shielded: No Cable length: 5,000 mm Sheathing material: PUR

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Connection technology - Interconnection cables

	Part no.	Designation	Article	Description
	50130743	KDS U-M12-4A-M12-4A-P1-050	Interconnection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin Connection 2: Connector, M12, Axial, Male, A-coded, 4 -pin Shielded: No Cable length: 5,000 mm Sheathing material: PUR
	50133387	KSS ET-M12-8A-RJ45-A-P7-050	Interconnection cable	Suitable for interface: Ethernet Connection 1: Connector, M12, Axial, Male, X-coded, 8 -pin Connection 2: RJ45 Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR

Mounting technology - Mounting brackets

	Part no.	Designation	Article	Description
	50121433	BT 300 W	Mounting device	Contains: 4x M4 x 10 screw, 4x position washers, 4x lock washers Design of mounting device: Angle, L-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type Type of mounting device: Adjustable Material: Metal

Mounting technology - Rod mounts

	Part no.	Designation	Article	Description
	50027375	BT 56	Mounting device	Functions: Static applications Design of mounting device: Mounting system Fastening, at system: For 16 mm rod, For 18 mm rod, For 20 mm rod Mounting bracket, at device: Clampable Material: Metal Tightening torque of the clamping jaws: 8 N·m

Note

A list with all available accessories can be found on the Leuze electronic website in the Download tab of the article detailed page.