

Overview

- User management
- Password protection
- Backup & Restore function
- Download VeriSens® Application Suite: www.baumer.com/vs-sw



Technical data

General data

Resolution	752 × 480 px
Sensor type	1/3" CMOS, monochrome
Illumination	integrated, LED white
LED class	risk group 1 (low risk, EN 62471:2008)
High-resolution mode	max. 50 inspections per second
Object distance min.	50 mm
Number of jobs (products)	≤ 255
Features per job	32
Signal processing	Baumer FEX® 3.5
Defect image memory	32
Lens	10 mm

Electrical data

Voltage supply range +Vs	18 ... 30 V DC
Power consumption	typical 5 W ($I_{max} = 1 \text{ A}$ at 24 V)
Digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz
Digital outputs	3 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable
Initial setup	Ethernet (10BASE-T / 100BASE-TX)

Electrical data

Process interface	TCP/UDP (Ethernet) RS485
Visualization	web interface

Mechanical data

Width	53 mm
Height	99.5 mm
Depth	38 mm
Weight	≤ 250 g
Material	housing: aluminum cover glass: PMMA

Environmental conditions

Operating temperature	+5 ... +50 °C
Storage temperature	-20 ... +70 °C
Case temperature	max. +50 °C
Humidity	0 ... 90 % (non-condensing)
Protection class	IP 67
Vibration load	IEC 60068-2-6 IEC 60068-2-64
Mechanical shock resistance	EN 60068-2-27

Technical data

Code types

Barcode	2/5 Industrial 2/5 Interleaved Codabar Code 39 Code 93 Code 128 PharmaCode EAN 8 EAN 13 UPC-A UPC-E GS1 DataBar GS1 128
Matrix code	DataMatrix (ECC 200) GS1-DataMatrix QR-Code PDF417

Feature checks

Identification	Barcode Matrix code
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Conformity

Conformity	CE RoHS KC (R-REI-BkR-VeriSens-RP)
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Non-volatile memory

Flash memory size	256 Mbit Flash S29GL256P10FFI010
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Electrical connection



1: PWR (+18-30 V DC)	7: OUT3
2: Ground	8: IN3
3: IN1 (Trigger)	9: RS485+
4: OUT1	10: IN4
5: IN2	11: IN5
6: OUT2	12: RS485-



1: TD+	3: TD-
2: RD+	4: RD-

Dimension drawing

