

Smart Camera

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VE Series



Compact, Durable, Versatile

The VE Smart Camera is built to stand up to industrial environments and has many configuration options.

Durable Design

Status and Troubleshooting

Connections



Robust, aluminum housing for harsh environments

C-mount lens for a variety of applications



Bright status indicators to easily view camera status

Two-line, eight-character display and push buttons enable troubleshooting and camera status

- Perform product change or trigger
- Troubleshoot and clear error
- Change or view IP address, MAC address, or speed
- View firmware, focus number or status



Power Banner Vision lights directly from the





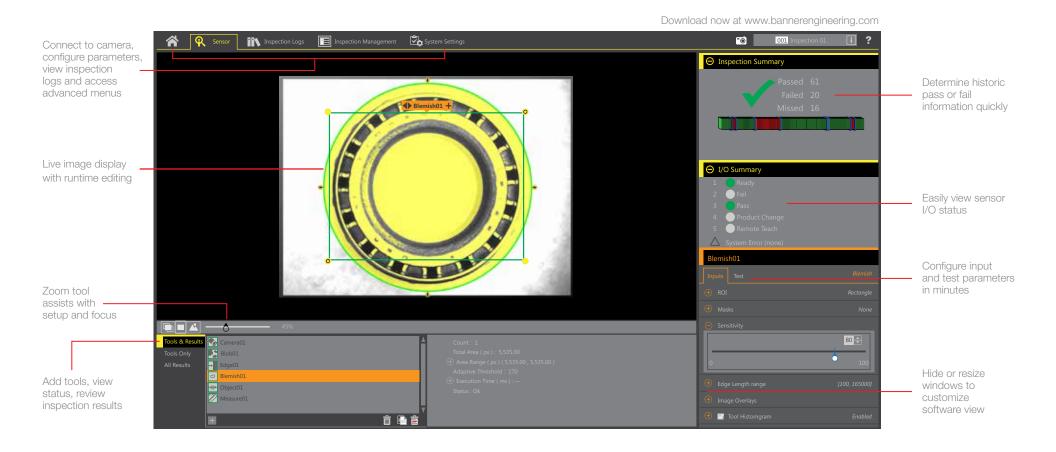
Optional lens cover provides an IP67-rated solution

size

Intuitive Software

Advanced Functions

VE Vision Manager software: Easy configuration, powerful functions



Emulator	Offline building and troubleshooting of applications	Inspect	Verify correct parts, labels, or components are present	Detect	Find edges and determine part location
Runtime Editing	Quickly make inspection changes on the fly to reduce costly downtime	Count	Confirm the number of parts found	Flaw Detection	Inspect for flaws, such as scratches, on a part
Factory Communications	Ethernet/IP, Modbus TCP, PROFINET and PCCC for seamless communication on the manufacturing floor	Measure	Measure distances or angles to validate size or location of parts	Uniformity	Check for consistent application of sealant or adhesives

Vision Applications







Resolution 202









202 = 2MP, 1600 x 1200

Lower and higher resolution

models coming soon

G = Grayscale

1A = M12, 8-pin Euro-style female

Power

Lens

Discrete I/O

Output Configuration

Communication

Acquisition

12 to 30 V dc 1 Trigger IN

5 programmable I/O

256 grayscale levels

10/100/1000 Mbps Ethernet

Frames per Second: 50 fps, max. depending on inspection settings Image Size: 1600 x 1200 pixels

Optically isolated

C-mount

Connections

Construction

Environmental Rating

Certifications

Housing: Aluminum Display Label: Polyester

Communications: M12, 8-pin Euro-style male

Light Connector: M8, 3-pin Pico-style female Power, Discrete I/O: M12, 12-pin Euro-style female

IEC IP67 with optional lens cover





Lens	
Focal Length	Model
5 mm	LCF05LCMP
8 mm	LCF08LMP
12 mm	LCF12LMP
16 mm	LCF16LCMP
25 mm	LCF25LCMP
35 mm	LCF35LCMP
50 mm	LCF50LCMP
75 mm	LCF75LCMP
Contact factory for	additional options.

Bandpass Filters



Туре	Model	Diameter	
Blue	FLTB470-		
Green	FLTG525-	25.5 (25.5 mm)	
Infrared	FLTI850-	or	
Red	FLTR635-	27 (27 mm) or	
Dark Red	FLTR660-	30.5 (30.5 mm)	
Linear Polarizer	FLTPR032-		

Example: FLTB470-25.5

Sealed Lens Covers (painted aluminum)

Туре	Model
60 mm cover with polycarbonate window	VELC60-PC
60 mm cover with borosilicate glass window	VELC60-BG
85 mm cover with polycarbonate window	VELC85-PC
85 mm cover with borosilicate glass window	VELC85-BG

Communication Cordsets



Туре	Length	Model
BJ45 Ethernet to 8-Pin	1.83 m (6 ft)	STP-M12-806
Threaded M12/Euro-Style	4.57 m (15 ft)	STP-M12-815
(Cat5e Shielded)	9.14 m (30 ft)	STP-M12-830

Power Cordsets



		7.00
Туре	Length	Model
	1.83 m (6 ft)	MQDC2S-1206
	4.57 m (15 ft)	MQDC2S-1215
12-Pin M12/Euro-Style with Open Shield	9.14 m (30 ft)	MQDC2S-1230
	15.2 m (50 ft)	MQDC2S-1250
	22.9 m (75 ft)	MQDC2S-1275

For right-angle models add RA to the model number. Example: MQDC2S-1275RA

Brackets



SMBVERA Right-angle bracket



SMBVEMP Mounting plate













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