

Data sheet

Effective focal length	8mm
Min. sensing distance	50mm
Power supply	24VDC $\pm 10\%$
Current consumption	1A
Inspection_Inspection item	Alignment, brightness, contrast, area, edge, shape comparison, length, angle, diameter, object counting
Inspection_Work group	32
Inspection_Simultaneous inspection	64
Inspection_Camera frame per second	Max. 60fps
Image snap_Image filter	Preprocessing, external filter(color filter, polarizing filter)
Image snap_Image element	1/3 inch mono CMOS
Image snap_Resolution	752×480 pixel
Image snap_Camera frame per second	Max. 60fps
Image snap_Shutter	Global shutter
Image snap_Exposure time	20 to 10,000 μ s
Light_ON/OFF method	Pulse
Light_Color	White
Trigger mode	External trigger, internal trigger, free-run trigger
Input_Signal	Rated input 24VDC $\pm 10\%$
Input_Type	External trigger input(TRIG), encoder input(IN2, IN3), work group change(IN0 to IN3)
Output_Signal	NPN or PNP open collector output Max. 24VDC 50mA, residual voltage: max. 1.2VDC
Output_Type	Control output(OUT0 to OUT3): inspection completion, inspection result, external light trigger, alarm, camera busy
Output_FTP transmission	Possible
Communication	Ethernet(TCP/IP), 100BASE-TX/10BASE-T
Protection circuit	Output short over current protection circuit
Indicator	• Power indicator(POWER), Ethernet connection indicator(LINK), pass indicator(PASS): Green LED • Data transmission indicator(DATA): Orange LED • Failure indicator(FAIL): Red LED
Insulation resistance	Over 20M Ω (at 500VDC megger)
Dielectric strength	500VAC~ 50/60Hz for 1 min.
Vibration	1.5mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 2 hours
Shock	300m/s ² (approx. 30G) in each X, Y, Z direction for 3 times

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Environment_Ambient temperature	0 to 45°C, storage: -20 to 70°C
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Protection structure	IP67(IEC standard)
Material	Case: aluminium, lens cover/focus adjuster: polycarbonate, cable: polyurethane
Accessories	Assembly tool, bracket A, mounting screw: 2
Sold separately	Light, color filter, polarizing filter, power I/O cable, Ethernet cable, bracket B, protection cover
Approval	
Weight	Approx. 415g(approx. 273g)

- ※Only light can be purchased separately.
- ※The number of camera frames per second can be different by image setting or inspection item.
- ※The weight includes packaging. The weight in parenthesis is for unit only.
- ※Environment resistance is rated at no freezing or condensation.