

Discontinuation Notice of Vision sensor part goods of Model FQ series.

Product Discontinuation

Vision Sensor



Model FQ-S1□□□□□□
Model FQ-S2□□□□□□
Model FQ-D3□



Recommended Replacement

Smart Camera

Model FQ2-S1□□□□□□
Model FQ2-S2□□□□□□
Model FQ2-D3□

[Discontinuation date]

The end of September, 2013

[Caution on recommended replacement]

Inspection items are increased for Model FQ2-S1 series and Model FQ2-S2 series, and measurement processing becomes fast.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charact-eristics	Operation ratings	Operation methods
Model FQ2-S1□□□□□□	**	**	**	**	*	*	*
Model FQ2-S2□□□□□□	**	**	**	**	*	*	*
Model FQ2-D3□	**	**	**	**	**	**	*

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
Model FQ-S10010F	Model FQ2-S10010F
Model FQ-S10050F	Model FQ2-S10050F
Model FQ-S10100F	Model FQ2-S10100F
Model FQ-S10100N	Model FQ2-S10100N
Model FQ-S15010F	Model FQ2-S15010F
Model FQ-S15050F	Model FQ2-S15050F
Model FQ-S15100F	Model FQ2-S15100F
Model FQ-S15100N	Model FQ2-S15100N
Model FQ-S20010F	Model FQ2-S20010F
Model FQ-S20050F	Model FQ2-S20050F
Model FQ-S20100F	Model FQ2-S20100F
Model FQ-S20100N	Model FQ2-S20100N
Model FQ-S25010F	Model FQ2-S25010F
Model FQ-S25050F	Model FQ2-S25050F

Product discontinuation	Recommended replacement
Model FQ-S25100F	Model FQ2-S25100F
Model FQ-S25100N	Model FQ2-S25100N
Model FQ-D30	Model FQ2-D30
Model FQ-D31	Model FQ2-D31

[Body color, Wire connection, Mounting dimensions and Dimensions]

Product discontinuation Model FQ-S1□□□□□□ Model FQ-S2□□□□□□	Recommendable replacement Model FQ2-S1□□□□□□ Model FQ2-S2□□□□□□
---	---

There is no change about the body color, wire connection, mounting dimensions and dimensions.



Product discontinuation Model FQ-D3□	Product discontinuation Model FQ2-D3□
---	--

There is no change about the body color, wire connection, mounting dimensions and dimensions.



[Characteristics]




Item		Product discontinuation		Recommendable replacement
		Model FQ-S1□□□□□□	Model FQ-S2□□□□□□	Model FQ2-S1□□□□□□ Model FQ2-S2□□□□□□
Main functions	Inspection items	Search, area, color average, edge position, edge width		Shape search II, search, sensitive search, edge position, edge width, edge count, area, color average/deviation, labeling, calibration
	Position compensation	None	Supported	Supported (Correcting rotational position and edge position)
Image input	Image filter	High dynamic range function (HDR), white balance, Deflection filter (attachment)		High dynamic range function (HDR), pre-processing, white balance, color gray filter, Deflection filter (attachment)
	Shutter	1/250 to 1/30000(sec)		1 to 1/50000(sec) * It can be set to 1 to 1/250 (sec) only when illumination is OFF.
Measurement trigger		External trigger (single or continuous), Communication trigger (Ethernet non-procedure, FINS non-procedure, Ethernet/IP, PLC-Link)		External trigger (single or continuous), Communication trigger (Ethernet non-procedure)
I/O specifications	Output signals	3 signals: Control output (BUSY), Overall judgment output(OR), Error output (ERROR) * Allocations of the three output signals (OUT0 to 2) can be changed to individual judgment of each inspection item.		3 signals: Control output (BUSY), Overall judgment output(OR), Error output (ERROR) * Allocations of the three output signals (OUT0 to 2) can be changed to individual judgment of each inspection item, image input enable output (READY), or external illumination timing output (STGOUT).
	Communication function	Ethernet non-procedure (TCP)		Ethernet non-procedure (TCP), Ethernet non-procedure (FINS/TCP), Ethernet/IP, PLC link
Indicator		BUSY indicator (BUSY/green), Judgment results indicator (OR/orange), ERROR indicator (ERROR/red), Ethernet communication indicator(ETN/orange)		BUSY indicator (BUSY/green), Judgment results indicator (OR/orange), ERROR indicator (ERROR/red), Ethernet communication indicator(ETN/orange) * The allocation of the BUSY indicator can be changed to the RUN indicator (green).

[Operation ratings]

Product discontinuation Model FQ-S1□□□□□□ Model FQ-S2□□□□□□	Recommendable replacement Model FQ2-S1□□□□□□ Model FQ2-S2□□□□□□
Measurement processing of Model FQ2-S1 series and Model FQ2-S2 series is faster.	

Product discontinuation Model FQ-D3□	Product discontinuation Model FQ2-D3□
There is no change about the operating ratings.	

[Operation methods]

Product discontinuation Model FQ-S1□□□□□□ Model FQ-S2□□□□□□	Recommendable replacement Model FQ2-S1□□□□□□ Model FQ2-S2□□□□□□
<p>The brightness of the imaging picture is adjusted in [Brightness] setting.</p> <p>► [Image] – [Camera setup]</p> <ol style="list-style-type: none"> Press [◀] – [Brightness] on the right side of the display. Move the bar to the left or right to adjust the brightness. Moving it to the right will make the image brighter, while moving it to the left will reduce the brightness of the image. Press [AUTO] to automatically adjust the brightness according to the image. Press [OK]. 	<p>The brightness of the imaging picture is adjusted in [Shutter speed] and [Gain] setting.</p> <p>► [Image] – [Camera setup]</p> <ol style="list-style-type: none"> Press [◀] – [Shutter speed] on the right of the display. Move the bar to the left or right to adjust the shutter speed. Moving it to the left will make the shutter speed slower and the image brighter. Moving it to the right will make the shutter speed faster and the image darker. Press [OK]. If you cannot obtain the required brightness by adjusting the shutter speed, adjust the gain. Press [◀] – [Gain] on the right of the display. Move the bar to the left or right to adjust the gain. Moving it to the right will increase the gain and make the image brighter. Moving it to the left will reduce the gain and make the image darker. Press [OK]. Press [Back].  

Product discontinuation Model FQ-D3□	Recommendable replacement Model FQ2-D3□
<p>Exclusive use of a Model FQ series. You can connect with a Model FQ series (Except for Model FQ-MD) and operate.</p>	<p>It corresponds to Model FQ2 series. You can connect with a Model FQ series (Except for Model FQ-MD) and Model FQ2 series and operate.</p>

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.