



NO: VS-058 PRODUCT: FZ-SLC Intelligent Camera DATE: June 2015 TYPE: Discontinuation Notice

FZ-SLC Wide View Intelligent Camera Discontinued FZ-SLC100-DL Diffusion Plate also Discontinued

Discontinuation Date: FZ-SLC100 and FZ-SLC100-DL have been discontinued.

Affected Parts

Product discontinuation	Recommended replacement	
FZ-SLC100	FZ-SQ050F Intelligent Compact Cameras (standard view)	
	FZ-SQ100N Intelligent Compact Cameras (side view, short-distance)	
FZ-SLC100-DL	No recommended replacement	



Cautions on Applying Replacements

Replacement from FZ-SLC100 to FZ-SQ050F or FZ-SQ100N

- The mounting direction and Installation distance etc. are different.
- Carefully test the replacement product for your application to confirm the products are suitable
- The working distance must be adjusted in order to get the required field of view.

Replacement FZ-SLC100-DL

 FZ-SQ series combines the camera and illumination without the need for a separate diffusion plate.

See the following pages for details of the differences.

Detail of Differences

Body color

Product discontinuation Intelligent Camera (Wide View) Model FZ-SLC100

Recommended replacement
Intelligent Compact Camera (Standard View)
Model FZ-SQ050F
Intelligent Compact Camera (Wide View)
Model FZ-SQ100N





Product discontinuation Intelligent Camera Diffusion Plate (Wide View) Model FZ-SLC100-DL	Recommended replacement
	No recommended replacement

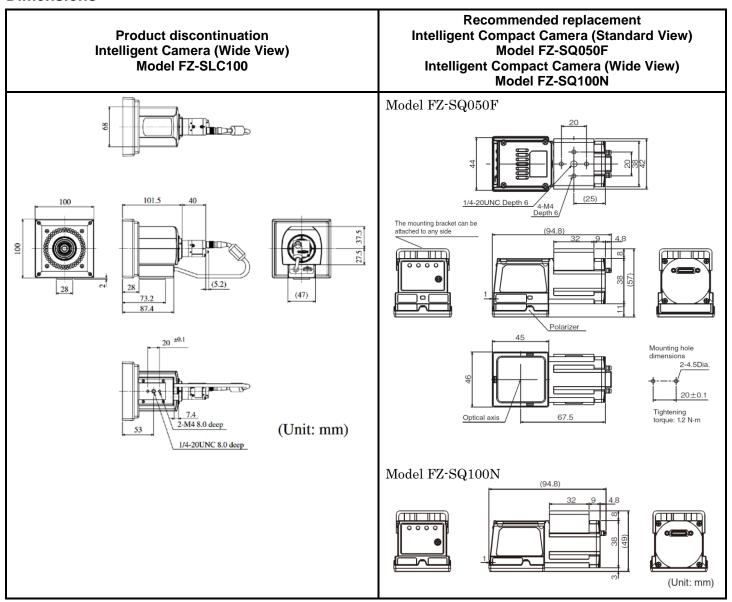
Wire connection

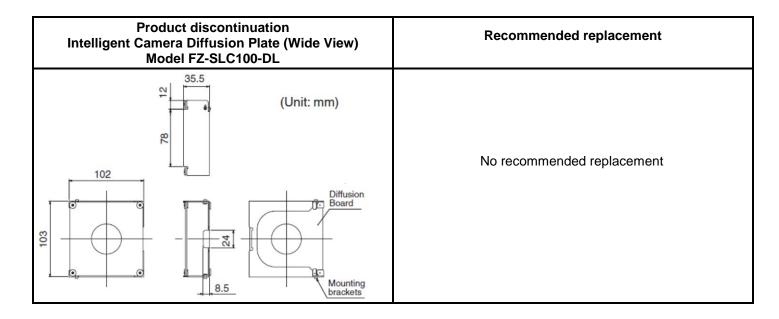
Product discontinuation Intelligent Camera (Wide View) Model FZ-SLC100 Recommended replacement
Intelligent Compact Camera (Standard View)
Model FZ-SQ050F
Intelligent Compact Camera (Wide View)
Model FZ-SQ100N

Cameras / Cables Connection Table

Type of camera cable	Model of camera cable	Cable length	Product discontinuation Intelligent Camera Model FZ-SLC100	Recommended replacement Intelligent Compact Camera Model FZ-SQ050F Model FZ-SQ100N
Camera Cables Right-angle camera cables	FZ-VS FZ-VSL	2m	Yes	Yes
		5m	Yes	Yes
		10m	No	Yes
Bend resistant camera cables	FZ-VSB	2m	Yes	Yes
		5m	Yes	Yes
		10m	No	Yes
Long-distance camera cable Long-distance right-angle camera cable	FZ-VS2 FZ-VSL2	15m	No	Yes

Dimensions

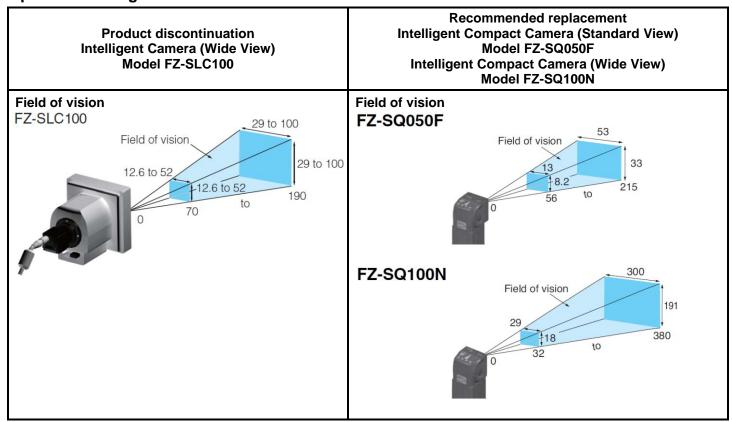




ltem			Recommended replacement	
		Product discontinuation Intelligent Camera (Wide View) Model FZ-SLC100	Intelligent Compact Camera (Standard View) Model FZ-SQ050F Intelligent Compact Camera (Wide View) Model FZ-SQ100N	
(0	Picture element	1/3-inch interline color CCD	1/3-inch color CMOS	
ons	Effective pixels	659(H) × 494(V)	752(H) × 480(V)	
cati	Pixel size	7.4 (μm) × 7.4 (μm)	6.0 (µm) × 6.0 (µm)	
Ci <u>i</u>	Scanning method	Non-interlace mode		
Camera specifications	Number of lines to be read	12 lines to 480 lines	8 lines to 480 lines	
ner	Synchronization	Internal synchronization		
Can	Gain	0dB to +13dB	0dB to +12dB	
	Shutter speed	1/10 to 1/50000 s	1/250 to 1/32,258 s	
	Operating system	Electrically driven magnification, focusing and iris	Focusing (manual)	
	Zoom	Variable focal length	_	
Lens	Range of view	13 to 100 mm	Model FZ-SQ050F: 13 × 8.2 to 53 × 33 mm Model FZ-SQ100N: 29 x 18 to 300 x 191 mm	
	Working distance	70 to 190 mm	Model FZ-SQ050F: 56 to 215 mm Model FZ-SQ100N: 32 to 380 mm	
Illumina tion	Light source	White LED	White LED	
Illun tic	Lighting system	8-block lighting with variable illumination intensity	ON/OFF (available)	
	Power consumption	12 VDC, 1.2 A maximum	24 VDC, 1.0 A maximum	
	Vibration resistance	10 to 150 Hz, half-amplitude: 0.35 mm (maximum acceleration 50 m/s²) 10 times each in X,Y and Z directions for 8 min		
"	Shock resistance	150 m/s ² , 3 times each in 6 directions (up/down, left/right, forward/backward)		
tions	Ambient Temperature	Operating : 0 to 50 °C (with no icing or condensation) Storage : -25 to 65 °C (with no icing or condensation)		
ij.	Ambient humidity	Operating and storage: 35 to 859	% RH(with no condensation)	
)ec	Ambient environment	No corrosive gases		
l s	Degree of protection	IEC60529 IP20	IEC60529 IP40	
General specifications	Material	Cover for camera : Galvanized steel sheet metal Case for camera : Aluminum alloy Case for lens : ABS Cover for illumination: Aluminum alloy Mount base : Aluminum alloy	Camera: PBT, PC, SUS Mounting Bracket: PBT Polarizing Filter Attachment: PBT, PC	
	Weight	Approx. 670 g (including base)	Model FZ-SQ050F: Approx. 150 g Model FZ-SQ100N: Approx. 140 g	

Item	Product discontinuation Item Intelligent Camera Diffusion Plate (Wide View) Model FZ-SLC100-DL		
Transmittance	87% (typical value)		
Vibration resistance	10 to 150 Hz, half-amplitude: 0.35 mm (maximum acceleration: 50 m/s²) 10 times for 8 minutes each in 3 directions		
Shock resistance	150 m/s ² , 3 times each in 6 directions		
Ambient temperature	Operating: 0 to 50°C (with no icing or condensation) Storage: -25 to 60°C (with no icing or condensation)	No recommended replacement	
Ambient humidity	Operating and storage: 35% to 85% (with no condensation)		
Ambient environment	No corrosive gases		
Materials	Diffusion Board: PMMA Illumination cover: Aluminum alloy		
Weight	Approx. 70 g		

Operation Ratings



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.