

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

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

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

Wire connection

<p>Product discontinuation Intelligent Camera (Wide View) Model FZ-SLC100</p>	<p>Recommended replacement Intelligent Compact Camera (Standard View) Model FZ-SQ050F Intelligent Compact Camera (Wide View) Model FZ-SQ100N</p>
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Cameras / Cables Connection Table

Type of camera cable	Model of camera cable	Cable length	Product discontinuation	Recommended replacement
			Intelligent Camera Model FZ-SLC100	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

<p align="center">Product discontinuation Intelligent Camera (Wide View) Model FZ-SLC100</p>	<p align="center">Recommended replacement Intelligent Compact Camera (Standard View) Model FZ-SQ050F Intelligent Compact Camera (Wide View) Model FZ-SQ100N</p>
<p>Technical drawings of Model FZ-SLC100 camera showing front, side, and rear views with dimensions. Dimensions include: 68 (height), 100 (width), 101.5 (depth), 40 (depth), 28 (width), 2 (height), 73.2 (depth), 87.4 (depth), 27.5 (height), 37.5 (height), 47 (width), 20 ±0.1 (width), 7.4 (width), 2-M4 8.0 deep (hole), 1/4-20UNC 8.0 deep (hole), 53 (width).</p> <p align="right">(Unit: mm)</p>	<p>Model FZ-SQ050F</p> <p>Technical drawings of Model FZ-SQ050F camera showing front, side, and rear views with dimensions. Dimensions include: 44 (height), 20 (width), 20 (width), 38 (width), 42 (width), 1/4-20UNC Depth 6 (hole), 4-M4 Depth 6 (hole), (25) (width), 94.8 (width), 32 (width), 9 (width), 4.8 (width), 8 (width), 38 (width), 57 (width), 11 (width), 45 (width), 46 (height), 67.5 (width), 2-4.5Dia. (hole), 20 ±0.1 (hole), Tightening torque: 1.2 N·m.</p> <p>The mounting bracket can be attached to any side</p> <p>Polarizer</p> <p>Optical axis</p> <p>Model FZ-SQ100N</p> <p>Technical drawings of Model FZ-SQ100N camera showing front, side, and rear views with dimensions. Dimensions include: 94.8 (width), 32 (width), 9 (width), 4.8 (width), 8 (width), 38 (width), 49 (width), 3 (width).</p> <p align="right">(Unit: mm)</p>

<p align="center">Product discontinuation Intelligent Camera Diffusion Plate (Wide View) Model FZ-SLC100-DL</p>	<p align="center">Recommended replacement</p>
<p>Technical drawings of Model FZ-SLC100-DL diffusion plate showing front, side, and rear views with dimensions. Dimensions include: 35.5 (width), 12 (height), 78 (height), 102 (width), 103 (height), 24 (width), 8.5 (width), Diffusion Board, Mounting brackets.</p> <p align="right">(Unit: mm)</p>	<p align="center">No recommended replacement</p>

Item		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
Camera specifications	Picture element	1/3-inch interline color CCD	1/3-inch color CMOS
	Effective pixels	659(H) × 494(V)	752(H) × 480(V)
	Pixel size	7.4 (μm) × 7.4 (μm)	6.0 (μm) × 6.0 (μm)
	Scanning method	Non-interlace mode	
	Number of lines to be read	12 lines to 480 lines	8 lines to 480 lines
	Synchronization	Internal synchronization	
	Gain	0dB to +13dB	0dB to +12dB
	Shutter speed	1/10 to 1/50000 s	1/250 to 1/32,258 s
Lens	Operating system	Electrically driven magnification, focusing and iris	Focusing (manual)
	Zoom	Variable focal length	—
	Range of view	13 to 100 mm	Model FZ-SQ050F: 13 × 8.2 to 53 × 33 mm Model FZ-SQ100N: 29 × 18 to 300 × 191 mm
	Working distance	70 to 190 mm	Model FZ-SQ050F: 56 to 215 mm Model FZ-SQ100N: 32 to 380 mm
Illumination	Light source	White LED	White LED
	Lighting system	8-block lighting with variable illumination intensity	ON/OFF (available)
General specifications	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/s ²) 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)	
	Ambient Temperature	Operating : 0 to 50 °C (with no icing or condensation) Storage : -25 to 65 °C (with no icing or condensation)	
	Ambient humidity	Operating and storage : 35 to 85% RH(with no condensation)	
	Ambient environment	No corrosive gases	
	Degree of protection	IEC60529 IP20	IEC60529 IP40
	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 Intelligent Camera Diffusion Plate (Wide View) Model FZ-SLC100-DL	Recommended replacement
Transmittance	87% (typical value)	No recommended replacement
Vibration resistance	10 to 150 Hz, half-amplitude: 0.35 mm (maximum acceleration: 50 m/s ²) 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)	
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

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
<p>Field of vision FZ-SLC100</p>	<p>Field of vision FZ-SQ050F</p> <p>FZ-SQ100N</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.