Performance in touch with simplicity

Xpectia

- True real colour system
- · Intelligent and high resolution cameras
- Touch screen for easy operation
- Customization open & programmable
- Industry grade PC platform



Basic Configuration

Controllers

Our lineup includes top-of-the-line models designed for high-speed processing of items requiring outstanding problemsolving capability as well as models with standard functions.

Optimum performance for each application



Controller integrated with LCD





Cutting-edge Image Processing High-**High Grade Processing Items**

FZ3 features a set of "High Grade" processing items that solves inspection/measurement challenges requiring difficult setting and many man-hours. You can find solutions to seemingly impossible problems by combining our hardware units (such as the 5 millionpixel camera, small camera and high-speed CPU) and 60 processing items in various ways.





Camera Image input HDR+ Trapezoidal Correction+



Panorama+

Halation cut+

• Shape search+

Labeling+

- Calibration+ Stripe Removal Filter+
 - 2DC+ • Barcode+
- **Box-type Controller**

Top-of-the-line High Grade, High Speed Controllers

With the industry's fastest CPU, the controllers promptly processe cutting-edge, high grade processing items.Not only a 2 million-pixel camera but also a 5 million-pixel-camera can also be connected the controllers.



Controller	Two-camera controllers	FZ3-H700 (NPN)
integrated		FZ3-H705 (PNP)
with LCD	Four-camera controllers	FZ3-H700-10 (NPN)
		FZ3-H705-10 (PNP)
Box-type	Two-camera controllers	FZ3-H750 (NPN)
Controller		FZ3-H755 (PNP)
	Four-camera controllers	FZ3-H750-10 (NPN)
		FZ3-H755-10 (PNP)

Fastest in the industry High speed controllers

High-resolution 5 million-pixel-cameras can be connected to the controllers with the industry's fastest CPU. They are ideal for high speed processing of standard inspection items.



Controller	Two-camera controllers	FZ3-700 (NPN)
integrated		FZ3-705(PNP)
with LCD	Four-camera controllers	FZ3-700-10(NPN)
		FZ3-705-10(PNP)
Box-type	Two-camera controllers	FZ3-750(NPN)
Controller		FZ3-755(PNP)
	Four-camera controllers	FZ3-750-10(NPN)
		FZ3-755-10(PNP)

High problem solving capability High grade controllers

These standard controllers feature our cutting-edge High Grade algorithm. They allow flexible problem solving capability and high speed processing at the same time.



Controller	Two-camera controllers	FZ3-H300(NPN)
integrated		FZ3-H305(PNP)
with LCD	Four-camera controllers	FZ3-H300-10(NPN)
		FZ3-H305-10(PNP)
Box-type	Two-camera controllers	FZ3-H350 (NPN)
Controller		FZ3-H355(PNP)
	Four-camera controllers	FZ3-H350-10(NPN)
		FZ3-H355-10(PNP)

Featuring all important basic functions Standard controllers

They cover all standard functions and processing items. Their performance is more than adequate.



Controller	Two-camera controllers	FZ3-300(NPN)
integrated		FZ3-305(PNP)
with LCD	Four-camera controllers	FZ3-300-10(NPN)
		FZ3-305-10(PNP)
Box-type	Two-camera controllers	FZ3-350(NPN)
Controller		FZ3-355(PNP)
	Four-camera controllers	FZ3-350-10(NPN)
		FZ3-355-10(PNP)



Ordering Information

FZ3 Series

	า	Descriptions			Model	Remarks
	High grade,	Controller integrated	Two-camera	NPN	FZ3-H700	With touch pen
	high speed	with LCD	controllers	PNP	FZ3-H700	
	controllers		Four-camera	NPN	FZ3-H700-10	-
			controllers	PNP	FZ3-H705-10	-
		Box-type Controller	Two-camera	NPN	FZ3-H705-10	
		Box-type Controller	controllers	PNP	FZ3-H755	
			Four-camera	NPN	FZ3-H755	-
			controllers			-
				PNP	FZ3-H755-10	
	High grade controllers	Controller integrated with LCD	Two-camera	NPN	FZ3-H300	With touch pen
	controllers		controllers	PNP	FZ3-H305	_
			Four-camera	NPN	FZ3-H300-10	
			controllers	PNP	FZ3-H305-10	
		Box-type Controller	Two-camera	NPN	FZ3-H350	
			controllers	PNP	FZ3-H355	
2 S			Four-camera	NPN	FZ3-H350-10	
ŝ			controllers	PNP	FZ3-H355-10	
Controllers	High speed	Controller integrated	Two-camera	NPN	FZ3-700	With touch pen
3	controllers	with LCD	controllers	PNP	FZ3-705	
			Four-camera	NPN	FZ3-700-10	
			controllers	PNP	FZ3-705-10	-
		Box-type Controller	Two-camera	NPN	FZ3-750	
			controllers	PNP	FZ3-755	-
			Four-camera	NPN	FZ3-750-10	-
			controllers	PNP	FZ3-755-10	-
	Standard cor	Controller integrated	Two-camera	NPN	FZ3-755-10 FZ3-300	With touch pen
	trollers	with LCD	controllers	PNP	FZ3-300 FZ3-305	With touch pen
	trollers	WIT LOD				-
			Four-camera controllers	NPN	FZ3-300-10	_
				PNP	FZ3-305-10	
		Box-type Controller	Two-camera	NPN	FZ3-350	
			controllers	PNP	FZ3-355	
			Four-camera	NPN	FZ3-350-10	
			controllers	PNP	FZ3-355-10	
	Intelligent	Wide field of vision	Color		FZ-SLC100	Camera + Zoom, Autofocus Lens + Intelligent Lighting
	cameras	Narrow field of vision	Color		FZ-SLC15	
			Color		FZ-SZC100	Camera + Zoom, Autofocus Lens
	cameras	Narrow field of vision	Color		FZ-SZC15	
	Digital camer-	300,000 Pixels	Color Monochrome Color Monochrome		FZ-S	Lens required
	as				FZ-SC	
la S		2 million pixels			FZ-S2M	-
cameras					FZ-SC2M	-
S		5 million pixels			FZ-S5M	-
		5 million pixels			FZ-SSM FZ-SC5M	-
	Over all all all all all	000.000 sizel				
	Small digital cameras	300,000-pixel flat type	Monochrome		FZ-SF	CCTV lens required
	cameras		Color		FZ-SFC	
		300,000-pixel				-
			Monochrome		FZ-SP	
_		pen type	Color		FZ-SPC	-
202	Intelligent came		Color Wide field of v		FZ-SPC FZ-SLC100-DL	- -
avices	Intelligent came	pen type	Color		FZ-SPC	
saninan II	Intelligent came	pen type	Color Wide field of v		FZ-SPC FZ-SLC100-DL	- -
eral uevices		pen type era diffusion plate	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL	- -
INITE NEVICES	CCTV Lenses	pen type era diffusion plate es	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL	 Low distortion lens for 2-million pixel cameras and 5 m
Jeripitetal uevices	CCTV Lenses Extension Tube	pen type era diffusion plate es	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series	 Low distortion lens for 2-million pixel cameras and 5 m lion-pixel cameras
o, periprieral devices	CCTV Lenses Extension Tube	pen type era diffusion plate es Lenses	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/	
ei ao, periprieral devices	CCTV Lenses Extension Tube Low-distortion	pen type era diffusion plate es Lenses	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100	lion-pixel cameras
airrei as, periprieral devices	CCTV Lenses Extension Tube Low-distortion	pen type era diffusion plate es Lenses all camera	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30	lion-pixel cameras Lens for 300,000-pixel small cameras
as, peripneral devic	CCTV Lenses Extension Tube Low-distortion Lenses for sma Extension Tube	pen type era diffusion plate es Lenses all camera	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras
valiteras, periprieral devices	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable	pen type era diffusion plate es Lenses all camera es for small camera	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1}
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VS	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2}
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1}
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables	Color Wide field of v		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VS	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4}
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VS FZ-VSB FZ-VSL	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1}
es	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables imera Cable ^{*3} camera cable right-angle camera cab	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VS FZ-VSB FZ-VSL FZ-VS2	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be con
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Long-distance	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables imera Cable ^{*3} camera cable right-angle camera cab	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VS FZ-VSB FZ-VSL FZ-VS2 FZ-VSL FZ-VSL2	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4}
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Long-distance	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables imera Cable ^{*3} camera cable right-angle camera cab	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VS FZ-VSB FZ-VSL FZ-VS2 FZ-VSL FZ-VSL2	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be co
	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Long-distance Cable extensio	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables imera Cables imera Cable ^{*3} camera cable right-angle camera cab	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VSL	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be co nected.(Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m
Caples	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Cable extensio Monitor cable Parallel cable	pen type era diffusion plate es Lenses all camera es for small camera camera Cables imera Cable ^{'3} camera cable right-angle camera cab	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VSL	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ⁻¹ Cable length: 2 m, 5 m, or 10 m ⁻¹ Cable length: 2 m, 5 m, or 10 m ⁻¹ Cable length: 15 m ⁻⁴ Cable length: 15 m ⁻⁴ Up to two Extension Units and three Cables can be con nected.(Maximum cable length: 45 m ⁻⁵) Cable length: 2 m or 5 m Cable length: 2 m or 5 m
Caples	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Cable extensio Monitor cable Parallel cable pheral	pen type era diffusion plate es Lenses all camera es for small camera Camera Cables mera Cable ^{''3} camera cable right-angle camera cab n unit	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LES3/LES6/LES16/LES30 FZ-VS FZ-VSB FZ-VSL FZ-VSL FZ-VSL FZ-VSL FZ-VSJ FZ-VSJ FZ-VSJ FZ-VSJ FZ-VSJ FZ-VSJ FZ-VM FZ-VP FZ-M08	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be co nected. (Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers
Caples	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Cable extensio Monitor cable Parallel cable	pen type era diffusion plate es Lenses all camera es for small camera camera Cables imera Cable ^{*3} camera cable right-angle camera cab n unit LCD monitor USB memory	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VSL FZ-MEM1G	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be connected. (Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers Capacity: 1 GB
Caples	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Cable extensio Monitor cable Parallel cable pheral	pen type era diffusion plate es Lenses all camera es for small camera camera Cables imera Cable ^{*3} camera cable right-angle camera cab n unit LCD monitor USB memory VESA attachment	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VSL FZ-VSL </td <td>lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be connected. (Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers Capacity: 1 GB For installing the LCD integrated-type controller</td>	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be connected. (Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers Capacity: 1 GB For installing the LCD integrated-type controller
Caples	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Cable extensio Monitor cable Parallel cable pheral ices	pen type era diffusion plate es Lenses all camera es for small camera camera Cables imera Cable ^{*3} camera cable right-angle camera cab n unit LCD monitor USB memory	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VSL FZ-MEM1G	lion-pixel cameras Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be connected. (Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers Capacity: 1 GB For installing the LCD integrated-type controller
Caples	CCTV Lenses Extension Tube Low-distortion I Lenses for sma Extension Tube Camera Cable Bend resistant Right-angle Ca Long-distance Cable extensio Monitor cable Parallel cable pheral	pen type era diffusion plate es Lenses all camera es for small camera camera Cables imera Cable ^{*3} camera cable right-angle camera cab n unit LCD monitor USB memory VESA attachment	Color Wide field of v Narrow field o		FZ-SPC FZ-SLC100-DL FZ-SLC15-DL 3Z4S-LE Series FZ-LEH5/LEH8/LEH12/LEH16/LEH25/ LEH35/LEH50/LEH75/LEH100 FZ-LES3/LES6/LES16/LES30 FZ-LESR FZ-VS FZ-VSL FZ-VSL </td <td>Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be con nected.(Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers Capacity: 1 GB For installing the LCD integrated-type controller</td>	Lens for 300,000-pixel small cameras Extension Tubes for 300,000-pixel small cameras Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 2 m, 5 m, or 10 m ^{*2} Cable length: 2 m, 5 m, or 10 m ^{*1} Cable length: 15 m ^{*4} Cable length: 15 m ^{*4} Up to two Extension Units and three Cables can be con nected.(Maximum cable length: 45 m ^{*5}) Cable length: 2 m or 5 m Cable length: 2 m or 5 m For Box-type Controllers Capacity: 1 GB For installing the LCD integrated-type controller

OMROD

Item Descriptions	Model	Remarks
External Lighting	3Z4S-LT Series	
Strobe Controller (for FZ Series Vision Sensors)	Manufactured by MORITEX Corporation 3Z4S-LT MLEK-C100E1TS2	Required to control external lighting from a Controller
Adapter for the strobe controller designed specifically for the 5 mi lion-pixel camera		Required to mount a strobe controller on a 5 million-pixel camera

*1. *2. *3. *4. *5.

The 10-m cable cannot be used for the intelligent camera, autofocus camera and 5 million-pixel camera. The 10-m cable cannot be used for the intelligent camera, autofocus camera 2 million-pixel camera and 5 million-pixel camera. This Cable has an L-shaped connector on the Camera end. The 15-m cable cannot be used for the intelligent camera, autofocus camera and 5 million-pixel camera. The 15-m cable cannot be used for the intelligent camera, autofocus camera and 5 million-pixel camera. The maximum cable length depends on the Camera being connected, and the model and length of the Cable being used.For further information, please refer to the "Cameras/cables connection" table in page 5.

Camera connection

Type of camera	Model	Resolution	Standard controllers (FZ3-3, FZ3-3-10)	High grade controllers (FZ3-H3, FZ3-H3 -10)	High speed controllers (FZ3-7, FZ3-7 -10)	High grade, high speed controllers (FZ3-H7,FZ3-H7 -10)
Intelligent	FZ-SLC100	300,000 Pixels	0	0	0	0
cameras	FZ-SLC15	300,000 Pixels	0	0	0	0
Autofocus	FZ-SZC100	300,000 Pixels	0	0	0	0
cameras	FZ-SZC15	300,000 Pixels	0	0	0	0
Digital cam-	FZ-SC	300,000 Pixels	0	0	0	0
eras	FZ-S	300,000 Pixels	0	0	0	0
	FZ-SC2M	2 million pixels	Х	Х	0	0
	FZ-S2M	2 million pixels	Х	Х	0	0
	FZ-SC5M	5 million pixels	Х	Х	0 ^{*1}	O*1
	FZ-S5M	5 million pixels	Х	Х	0 ^{*1}	O*1
Small digital	FZ-SFC	300,000 Pixels	0	0	0	0
cameras	FZ-SF	300,000 Pixels	0	0	0	0
	FZ-SPC	300,000 Pixels	0	0	0	0
	FZ-SP	300,000 Pixels	0	0	0	0

*1. When connecting 5 million-pixel cameras, up to two cameras can be connected.

Cameras/cables connection

Type of camera	Model	Cable	Intelligent cameras	Digital cameras		Small digital cameras	
		length	Autofocus cameras	300,000-pixel	2 million-pixel	5 million-pixel	Pen type / flat type
Camera Cables	FZ-VS	2m	0	0	0	0	0
Right-angle camera cables	FZ-VSL	5m	0	0	0	0	0
		10m	Х	0	0	Х	0
Bend resistant camera cables	FZ-VSB	2m	0	0	0	0	0
		5m	0	0	0	0	0
		10m	Х	0	Х	Х	0
Long-distance camera cable Long-distance right-angle camera cable	FZ-VS2 FZ-VSL2	15m	х	0	0	x	0

Ratings and Specifications

Controllers

High grade, high speed controller, High speed controller

Model		NPN Output	FZ3-700	FZ3-700-10		FZ3-H700-10	FZ3-750	FZ3-750-10		FZ3-H750-10		
		PNP Output	FZ3-705	FZ3-705-10		FZ3-H705-10	FZ3-755	FZ3-755-10	FZ3-H755	FZ3-H755-10		
Connected Camera				1	1	tion" table in pag	, 					
No. of Came	ras ¹		2	4	2	4	2	4	2	4		
Processing	When connected			640(H)×480(V)								
resolution	When connected to a 2 million-pixel camera		1600(H)×	1200(V)								
	When connected	to a 5 million-pixel camera	2448(H)×	2044(V)								
No. of scene	s		32									
Number of	When connect-	Connected to 1 camera	Color carr	Color camera: 250, Monochrome Camera: 252								
logged im- ages ^{*2}	ed to a 300,000- pixel camera	Connected to 2 cameras	Color carr	Color camera: 125, Monochrome Camera: 126								
uges	pixer camera	Connected to 3 cameras	Color carr	nera: 83, Mono	ochrome Can	nera: 84						
		Connected to 4 cameras	Color carr	nera: 62, Mono	ochrome Can	nera: 63						
	When connect-	Connected to 1 camera	Color cam	nera: 40, Mono	ochrome Can	nera: 40						
	ed to a 2 million- pixel camera	Connected to 2 cameras	Color cam	nera: 20, Mono	ochrome Can	nera: 20						
	pixel camera	Connected to 3 cameras	Color carr	nera: 13, Mono	ochrome Can	nera: 13						
		Connected to 4 cameras	Color carr	nera: 10, Mono	ochrome Can	nera: 10						
	When connect-	Connected to 1 camera	Color carr	nera: 11, Mono	ochrome Can	nera: 11						
	ed to a 5 million- pixel camera	Connected to 2 cameras	Color carr	Color camera: 5, Monochrome Camera: 5								
Codes that c	an be read with F2	Z3	of 5), Coo	< Bar Codes > JAN/EAN/UPC (including add-on codes), Code 39, Codabar (NW-7), ITF (Interleaved 2 of 5), Code 93, Code 128, GS1-128, GS1 DataBar (RSS-14 / RSS Limited / RSS Expanded) < 2D Codes > Data Matrix (ECC200), QR Code								
Operation			Touch pen, mouse, etc. Mouse or similar device									
Settings			Create series of processing steps by editing the flowchart (Help messages provided).									
Serial comm	unications		RS-232C/	422A:1CH					· · ·			
Network corr	munications		Ethernet 100BASE-TX/10BASE-T									
Parallel I/O				(RESET, STE 0 to 3, and D0		DI 0 to 7), 26 o	utputs (RU	N, BUSY, GA	TE, OR, REA	DY, ERROR,		
Monitor inter	face			I Controller an olution: XGA		nch TFT color		GB video outp on: XGA 1,024		I		
USB interfac	۵		``	s (supports U	,	,	(110001000					
Power suppl			20.4 to 26		02 a.a.	,						
Current		to a intelligent or autofo-		7.5 A max.	5 A max.	7.5 A max.	5 A max.	7.5 A max.	5 A max.	7.5 A max.		
consump- tion ^{*3}	cus camera											
lion		to a 300,000-pixel camera	3.7 A max.	4.9 A max.	3.7 A max.	4.9 A max.	3.7 A max.	4.9 A max.	3.7 A max.	4.9 A max.		
		to a 2 million-pixel camera	max.				max.					
When connected to a 5 million-pixel camera			Operating: 0 to 45°C, 0 to 50°C ^{*4} , Storage: 20 to 65°C (with no icing or condensation)									
	perature range					-	-	o icing or conc	lensation)			
Ambient hun	nidity range					(with no conder	,	1	1	1		
Weight			Approx. 3.2 kg	Approx. 3.4 kg	Approx. 3.2 kg	Approx. 3.4 kg	Approx. 1.8 kg	Approx. 1.9 kg	Approx. 1.8 kg	Approx. 1.9 kg		
Accessories			Touch pen (one, inside the front panel), Please Read First, Instruction Manual (Setup), 6 mounting brackets									

*2. *3. *4.

*1. When connecting 5 million-pixel cameras, up to two cameras can be connected.
*2. The number of logged images will vary when connecting multiple Cameras with different models.
*3. When the strobe controller is connected to the lights, the controller uses power as much as it does when connected to the intelligent camera.

The operating mode can be switched from the Controller Menu settings.

Note: Do not install the firmware for FZ2 in any High Grade High Speed or High Grade controller of the FZ3 series. It will lead to the failure of the controller. For software download, please contact your Omron representative.

High grade controllers, Standard controllers

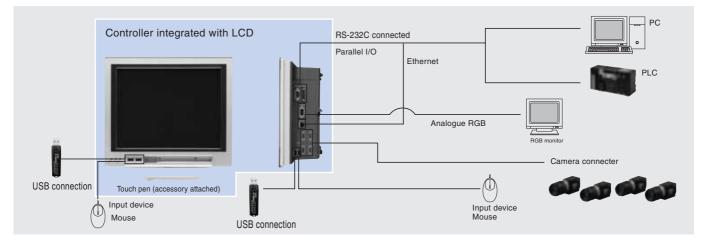
Model		NPN Output	FZ3-300	FZ3-300-10	FZ3-H300	FZ3-H300-10	FZ3-350	FZ3-350-10	FZ3-H350	FZ3-H350-10
	PNP Output		FZ3-305	FZ3-305-10	FZ3-H305	FZ3-H305-10	FZ3-355	FZ3-355-10	FZ3-H355	FZ3-H355-10
Connected C	Camera		Please ret	fer to the "Car	nera connect	ion" table in pag	ge 5.			
No. of Came	ras		2	4	2	4	2	4	2	4
Processing r	esolution		640(H)×48	30(V)						
No. of scene	S		32							
Number of	When connect-	Connected to 1 camera	Color camera: 250, Monochrome Camera: 252							
logged im- ages ^{*1}	ed to a 300,000- pixel camera	Connected to 2 cameras	Color camera: 125, Monochrome Camera: 126							
uges	pixer camera	Connected to 3 cameras	Color camera: 83, Monochrome Camera: 84							
		Connected to 4 cameras	Color camera: 62, Monochrome Camera: 63							
Operation			Touch pen, mouse, etc. Mouse or similar device							
Settings			Create series of processing steps by editing the flowchart (Help messages provided).							
Serial comm	unications		RS-232C/422A:1CH							

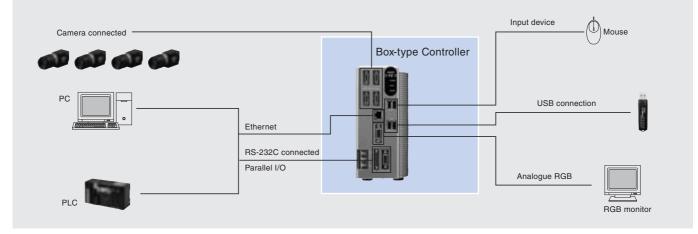
Model	NPN Output	FZ3-300	FZ3-300-10	FZ3-H300	FZ3-H300-10	FZ3-350	FZ3-350-10	FZ3-H350	FZ3-H350-10	
	PNP Output	FZ3-305	FZ3-305-10	FZ3-H305	FZ3-H305-10	FZ3-355	FZ3-355-10	FZ3-H355	FZ3-H355-10	
Network communications		Ethernet *	100BASE-TX/	10BASE-T						
Parallel I/O					DI 0 to 7), 26 o ERROR, STGO		and DO 0 to 1	5)		
Monitor interface			Controller an		nch TFT color dots)		GB video outp on: XGA 1,024		I	
USB interface		4 channel	s (supports U	SB 1.1 and 2	.0)					
Power supply voltage		20.4 to 26	6.4 VDC							
Current consumption ^{*2}	When connected to a in- telligent or autofocus camera	5 A max.	7.5 A max.	5 A max.	7.5 A max.	5 A max.	7.5 A max.	5 A max.	7.5 A max.	
	When connected to a 300,000-pixel camera	3.7 A max.	4.9 A max.	3.7 A max.	4.9 A max.	3.7 A max.	4.9 A max.	3.7 A max.	4.9 A max.	
Ambient temperature range		Operating: 0 to 45°C, 0 to 50°C *3, Storage: 20 to 65°C (with no icing or condensation)								
Ambient humidity range		Operating	and storage:	35% to 85%	(with no conder	nsation)				
Weight		Approx. Approx. <t< td=""><td></td></t<>								
Accessories			n (one, inside t, Instruction N		el), Please p), 6 mounting	Please Re	ead First, Instr	uction Manu	al (Setup)	

*1. The number of logged images will vary when connecting multiple Cameras with different models.
*2. When the strobe controller is connected to the lights, the controller uses power as much as it does when connected to the intelligent camera.

*3. The operating mode can be switched from the Controller Menu settings.

System configuration





Cameras Intelligent camera, autofocus camera

	FZ-SLC100	FZ-SLC15	FZ-SZC100	FZ-SZC15					
Image elements	Interline transfer reading all pixels, 1/3-inch CCD image elements								
Color/Monochrome	Color								
Effective pixels	640(H)×480(V)								
Pixel size	7.4×7.4 μm								
Shutter function	Electronic shutter; select shutter sp	peeds from 1/10 to 1/50,000 s							
Partial function	12 to 480 lines								
Frame rate (image read time)	80 fps(12.5 ms)								
Field of vision ^{*1}	13 to 100 mm ^{*2}	2.9 to 14.9 mm ^{*2}	13 to 100 mm ^{*2}	2.9 to 14.9 mm ^{*2}					
Installation distance	70 to 190 mm ^{*2}	35 to 55 mm ^{*2}	77.5 to 197.5 mm ^{*2}	47.5 to 67.5 mm					
LED class ^{*3} (lighting)	Class 2								
Ambient temperature range	Operating: 0 to 50°C Storage: 25 to 65°C (with no icing)	or condensation)							
Ambient humidity range	Operating and storage: 35% to 85%	Operating and storage: 35% to 85% (with no condensation)							
Weight	Approx. 670 g	Approx. 670 g Approx. 700 g Approx. 500 g							
Accessories	Instruction Sheet and hexagonal w	rench							

*1. The length of the visual field is the lengths along the Y axis.
*2. Tolerance: ±5% max.
*3. Applicable standards: IEC 60825-1: 1993 + A1: 1997 + A2-2001, EN 60825-1: 1994 + A1: 2002 + A2: 2001

Digital cameras

	FZ-S	FZ-SC	FZ-S2M	FZ-SC2M	FZ-S5M	FZ-SC5M
Image elements			Interline transfer reading all pixels, 1/1.8-inch CCD image elements		Interline transfer reading all pixels, 2/3-inch CCD image elements	
Color/Monochrome	Monochrome	Color	Monochrome	Color	Monochrome	Color
Effective pixels	640(H)×480(V)	·	1600(H)×1200(V)	·	2448(H)×2044(V)	
Pixel size	7.4×7.4 μm		4.4×4.4 μm		3.45×3.45 μm	
Shutter function	Electronic shutter; select shutter speeds from 1/10 to 1/50,000 s		Electronic shutter; select shutter speeds from 1/10 to 1/50,000 s		Electronic shutter; select shutter speeds from 1/10 to 1/50,000 s	
Partial function	12 to 480 lines		12 to 1200 lines		12 to 2044 lines	
Frame rate (image read time)	80 fps(12.5 ms)		30 fps(33.3 ms)		16 fps(62.5 ms)	
Field of vision, installation distance	Selecting a lens according to the field of vision and installation distance					
Ambient temperature range	Operating: 0 to 50°C Storage: 25 to 65°C (with no icing or conden- sation)		Operating: 0 to 40°C Storage: 25 to 65°C (with no icing or conden- sation)		Operating: 0 to 40°C Storage: 25 to 65°C (with no icing or conden- sation)	
Ambient humidity range	Operating and storage: 35% to 85% (with no condensation)					
Weight	Approx.55 g		Approx. 76 g		Approx.140 g	
Accessories	Instruction manual					

Small digital cameras

	FZ-SF	FZ-SFC	FZ-SP	FZ-SPC				
Image elements	Interline transfer reading all pixels,	nterline transfer reading all pixels, 1/3-inch CCD image elements						
Color/Monochrome	Monochrome	Ionochrome Color Monochrome Color						
Effective pixels	640(H)×480(V)							
Pixel size	7.4×7.4 μm							
Shutter function	Electronic shutter; select shutter sp	peeds from 1/10 to 1/50,000 s						
Partial function	12 to 480 lines	2 to 480 lines						
Frame rate (image read time)	30 fps(12.5 ms)							
Field of vision, instal- lation distance	Selecting a lens according to the field of vision and installation distance							
Ambient temperature range	Operating: 0 to 50°C (camera amp 0 to 45°C (camera head) Storage: 25 to 65°C (with no icing		Operating: 0 to 50°C (camera amp 0 to 45°C (camera head) Storage: 25 to 65°C (with no icing					
Ambient humidity range	Operating and storage: 35% to 85% (with no condensation) Operating and storage: 35% to 85% (with no condensation)							
Weight	Approx.150 g		Approx.150 g					
Accessories	Instruction manual, installation brack	cket, Four mounting brackets(M2)	Instruction manual					

LCD Monitor, cable LCD Monitor

	FZ-M08
Size	8.4 inches
Туре	Liquid crystal color TFT
Resolution	1,024×768 dots
Input signal	Analog RGB video input, 1 channel
Power supply voltage	21.6 to 26.4 VDC
Current consumption	Approx. 0.7 A max.
Ambient temperature range	Operating: 0 to 50°C Storage: 25 to 65°C (with no icing or condensation)
Ambient humidity range	Operating and storage: 35% to 85% (with no condensation)
Weight	Approx. 1.2 kg
Accessories	Instruction Sheet and 4 mounting brackets

Camera cables

Item	FZ-VS (2m)	FZ-VSB(2m)	FZ-VSL(2m)		
Shock resistiveness (du- rability)	10 to 150 Hz single amplitude 0.15 mm 3 directions, 8 strokes, 4 times				
Ambient temperature range	Operation and storage: 0 to +65°C (with no icing or condensation)				
Ambient humidity range	Operation and storage: 40 to 70%RH (with no condensation)				
Ambient atmosphere	No corrosive gases				
Material	Cable sheath, connector: PVC				
Minimum bending radius	69 mm 81 mm 69 mm				
Weight	approx.170 g	approx.220 g	approx.170 g		

Monitor cable

Item	FZ-VM
Vibration resistiveness	10 to 150 Hz single amplitude 0.15 mm 3 direc- tions, 8 strokes, 4 times
Ambient temperature range	Operation: 0 to +50°C; Storage: 20 to +65°C (with no icing or condensation)
Ambient humidity range	Operation and storage: 35 to 85%RH (with no condensation)
Ambient atmosphere	No corrosive gases
Material	Cable sheath: heat-resistant PVC Connector: PVC
Minimum bending radius	75 mm
Weight	approx.170 g

Cable extension unit

	FZ-VSJ
Power supply voltage ^{*1}	11.5 to 13.5 VDC
Current consumption*2	1.5 A max.
Ambient temperature range	Operating: 0 to 50°C Storage: 25 to 65°C (with no icing or condensation)
Ambient humidity range	Operating and storage: 35% to 85% (with no condensation)
Maximum Units connect- able	2 Units per Camera
Weight	Approx. 240 g
Accessories	Instruction Sheet and 4 mounting screws

*1. A power supply must be connected to the Strobe Controller and Camera when connecting a FZ-SLC100/SLC15/SZC100/SZC15 and using a Strobe Controller (3Z4S-LT MLEK-C100E1TS2.)
*2. The current consumption is when every Camera and Strobe Controller is connected to a power supply.

Long-distance camera cables

Item	FZ-VS2 (15 m)	FZ-VSL2(15 m)		
Shock resistiveness (du- rability)	10 to 150 Hz single amplitude 0.15 mm 3 directions, 8 strokes, 4 times			
Ambient temperature range	Operation and storage: 0 to +65°C (with no icing or condensation)			
Ambient humidity range	Operation and storage: 40 to 70%RH (with no condensation)			
Ambient atmosphere	No corrosive gases			
Material	Cable sheath, connector:	PVC		
Minimum bending radius	93 mm			
Weight	approx.1600 g			

Parallel cable

Item	FZ-VP
Vibration resistiveness	10 to 150 Hz single amplitude 0.15 mm 3 direc- tions, 8 strokes, 4 times
Ambient temperature range	Operation: 0 to +50°C; Storage: 20 to +65°C (with no icing or condensation)
Ambient humidity range	Operation and storage: 35 to 85%RH (with no condensation)
Ambient atmosphere	No corrosive gases
Material	Cable sheath: heat-resistant PVC Connector: resin
Minimum bending radius	75 mm
Weight	approx.160 g

Lenses, tubes High-resolution, Low-distortion lenses

Lens model	FZ-LEH5	FZ-LEH8	FZ-LEH12	FZ-LEH16	FZ-LEH25	FZ-LEH35	FZ-LEH50	FZ-LEH75	FZ-LEH100
Appearance	42 dia. 38.7	34 dia. 41.6	34 dia. 37.0	33 dia. 36.5	33 dia. 39.5	34 dia. 36.5	34 dia: 55.0	36 dia. 51.0	42 dia. 70.0
Focal length	5 mm	8 mm	12.5 mm	16 mm	25 mm	35 mm	50 mm	75 mm	100 mm
Brightness	F2.8	F1.4	F1.4	F1.4	F1.4	F2	F2.8	F2.5	F2.8
Filter size	M40.5 P0.5	M27.0 P0.5	M34.0 P0.5	M40.5 P0.5					

CCTV Lenses

Lens model	3Z4S-LE ML-0614	3Z4S-LE ML-0813	3Z4S-LE ML-1214	3Z4S-LE ML-1614	3Z4S-LE ML-2514	3Z4S-LE ML-3519	3Z4S-LE ML-5018	3Z4S-LE ML-7527	3Z4S-LE ML-10035
Appearance	30 dia. 30	30 dia. 34.5	30 dia. 34.5	30 dia. 24.5	30 dia.	30 dia.	32 dia.	32 dia. 42.5	32 dia. 43.9
Focal length	6 mm	8 mm	12 mm	16 mm	25 mm	35 mm	50 mm	75 mm	100 mm
Brightness	F1.4	F1.3	F1.4	F1.4	F1.4	F1.9	F1.8	F2.7	F3.5
Filter size	M27 P0.5	M25.5 P0.5	M27 P0.5	M27 P0.5	M27 P0.5	M27 P0.5	M30.5 P0.5	M30.5 P0.5	M30.5 P0.5

Lenses for small camera

Lens model	FZ-LES3	FZ-LES6	FZ-LES16	FZ-LES30
Appearance	12 dia.	12 dia. 19.7	12 dia. 23.1	12 dia. 25.5
Focal length	3 mm	6 mm	16 mm	30 mm
Brightness	F2.0	F2.0	F3.4	F3.4

Extension tubes

Model	3Z4S-LE-ML-EXR
Contents	Set of 7 tubes (40 mm, 20 mm, 10 mm, 5 mm, 2.0 mm, 1.0 mm, and 0.5 mm) Maximum outer diameter: 30 mm dia.

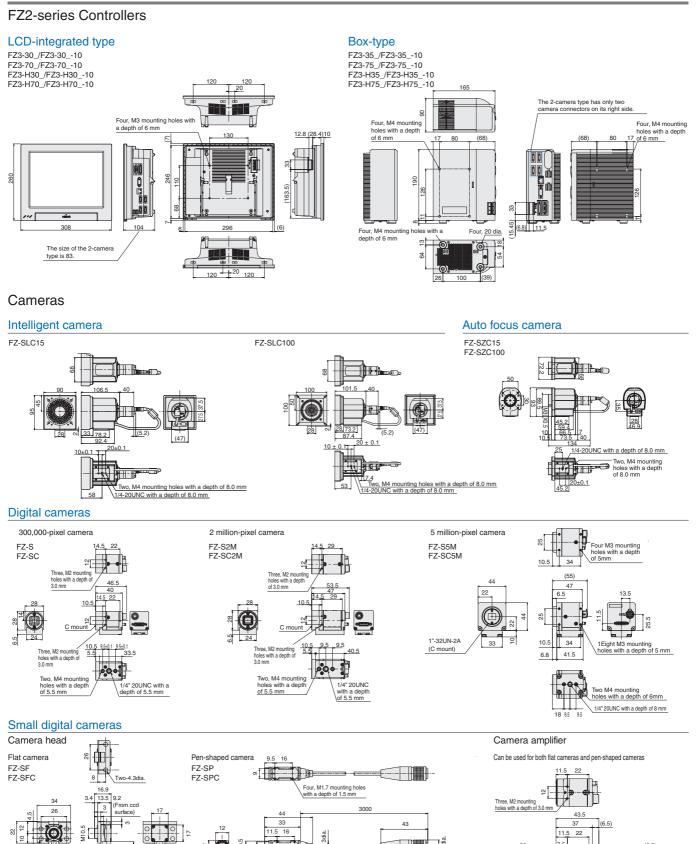
Extension tubes for small camera

Model	FZ-LESR
Contents	Set of 3 tubes (15 mm, 10 mm, and 5 mm) Maximum outer diameter: 12 mm dia.

Precautions

- Do not use the 0.5-mm, 1.0-mm, and 2.0-mm Extension Tubes attached to each other. Since these Extension Tubes are placed over the threaded section of the Lens or other Extension Tube, the connection may loosen when more than one 0.5-mm, 1.0-mm or 2.0-mm Extension Tube are used together.
- Reinforcement may be required for combinations of Extension Tubes exceeding 30 mm if the Camera is subject to vibration.

External Dimensions (Unit: mm)



25019

16pir



16pin round connector

4-4.3dia

6 12

2

43

12.5dia

M10.5

-P

Two, M3 mounting holes with a depth of 4 mm

Eight, M1.7 mounting holes with a depth of 1.5 mm

бŪ

12.7 9.6

7.5 20

9.2 (From ccd surface) (6.5)

(8.8dia

(20.1

33.5

2.5

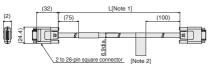
Two, M4 mounting holes with a depth of 5.5 mm hree, M2 mounting ples with a depth of 3.0 mm

1/4" 20UNC with a depth of 5.5 mm

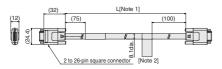
Cable

Camera Cable

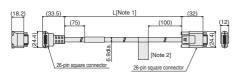
Camera Cable (Model FZ-VS)



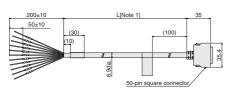
Bend resistant Cable (Model FZ-VSB)



Right-angle Camera Cable (Model FZ-VSL)



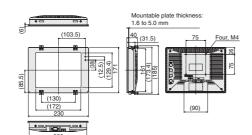
Parallel Cable(Model FZ-VP)



[Note1]:cable is available in 2m/5m

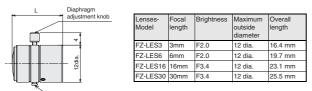
LCD Monitor

FZ-M08



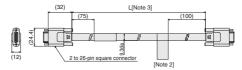
Lens for small camera

FZ-LES Series

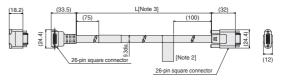


Diaphragm look screw(M1.4)





Long-distance Right-angle Camera Cable (Model FZ-VSL2)

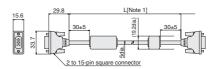


[Note1]:cable is available in 2m/5m/10m.

[Note2]:Each camera cables has polarity. Please ensure that the name plate side of the cable is connected to the controller.

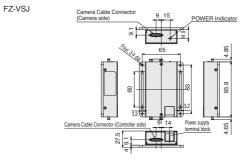
[Note3]:cable is available in 15m.

Monitor Cable(Model FZ-VM)



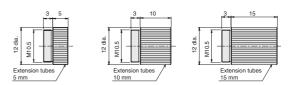
[Note1]: cable is available in 2m/5m.

Camera cable extension unit



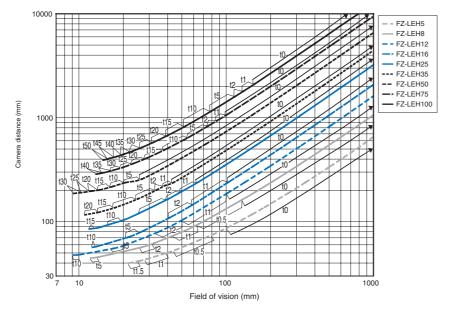
Extension tubes for small camera

FZ-LESR



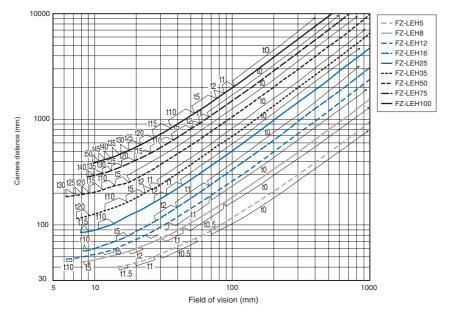
Optical Chart

5 million-pixel digital camera FZ-S_5M



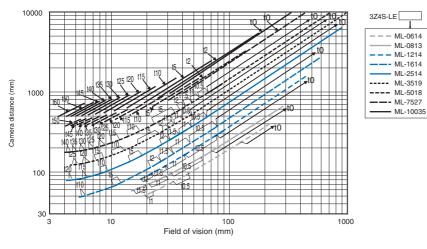
The 5-mm Extension Tubes (3Z4S-LE ML-EXR) cannot be used with FZ-LEH25 Lenses.

Two-million-pixel digital camera FZ-S_2M

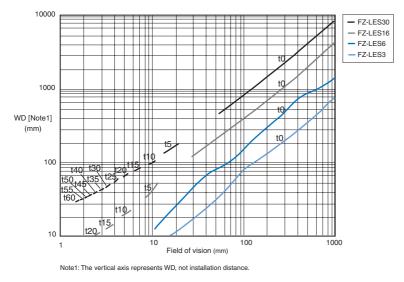


The 5-mm Extension Tubes (3Z4S-LE ML-EXR) cannot be used with FZ-LEH25 Lenses.

300,000-pixel digital camera FZ-S_

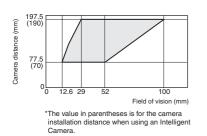


300,000-pixel small digital cameras FZ-SF_, FZ-SP_

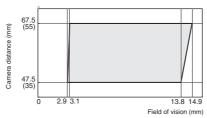


Intelligent camera, autofocus camera

with wide field of vision FZ-S C100



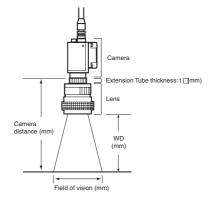
with narrow field of vision FZ-S C15



*The value in parentheses is for the camera installation distance when using an Intelligent Camera.

*Be sure to check the Instruction Sheet packed with the product before using an Intelligent Camera or Autofocus Camera. Meaning of Optical Chart

The X axis of the optical chart shows the field of vision (mm)(Note1), and the Y axis of the optical chart shows the camera installation distance (mm)(Note2).





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In the interest of product improvement, specifications are subject to change without notice.

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