



## FH-SM04

FH camera, high resolution 4M pixel, monochrome

# Specifications

Number of pixels	4.0 MP
Autofocus	✘
Camera family	FH
Camera type	Monochrome
Frame rate	118 fps
Illumination	None
Image width	2040 pixels
Image height	2048 pixels
Scan type	Area scan
Shutter type	Global
Image sensor format	1"
Image sensor type	CMOS
Lens mount	C-mount
Lens type	Not Applicable
Pixel size	5.5 $\mu$ m
Degree of protection (IP)	IP10

## Accessories



**3Z4S-LE SV-1214H**

Accessory vision, lens 12 mm, high resolution, low distortion



**3Z4S-LE SV-1214V**

Accessory vision, lens 12 mm



**3Z4S-LE SV-1614H**

Accessory vision, lens 16 mm, high resolution, low distortion



**3Z4S-LE SV-1614V**

Accessory vision, lens 16 mm



**3Z4S-LE SV-2514H**

Accessory vision, lens 25 mm, high resolution, low distortion



**3Z4S-LE SV-3514H**

Accessory vision, lens 35 mm, high resolution, low distortion



**3Z4S-LE SV-5014H**

Accessory vision, lens 50 mm, high resolution, low distortion



**3Z4S-LE SV-7525H**

Accessory vision, lens 75 mm, high resolution, low distortion



**FZ-VS3 10M**

Accessory vision, FH and FZ, standard camera cable, 10m



**FZ-VS3 3M**

Accessory vision, FH and FZ, standard camera cable, 3m



**FZ-VS3 5M**

Accessory vision, FH and FZ, standard camera cable, 5m



**FZ-VS4 15M**

Accessory vision, FH and FZ, camera cable, long distance, 15m



**FZ-VSB3 10M**

Accessory vision, FH and FZ, camera cable, bend resistant, 10 m



**FZ-VSB3 5M**

Accessory vision, FH and FZ, camera cable, bend resistant, 5 m

**FZ-VSJ**

FZ Camera cable extension hub (max 3 cables 45m)



**FZ-VSL3 10M**

Accessory vision, FH and FZ, camera cable, standard, right angled connector, 10 m



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Instruction Manual**

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**FH & FHV Launcher  
V651**

**Software**

EN ZIP 490 KB



**FH Series Vision System  
- Sysmac Studio  
Operation Manual**

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**FH Series Vision System  
- Hardware  
Setup Manual**

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V6.51**

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**Software**

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**FH-Sim Installation V640**

**Software**

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**FH-UMAI - FH  
Application Software**

**Operation Manual**

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**FH-UMAI - FH  
Application Software**

**Reference Manual**

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**FH-\_050(-\_0) - Image  
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**Datasheet**

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**Software**

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**Software**

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Communications  
Settings**

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System**

**Users Manual**

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Item Function**

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### FHV Software Inst 32bit v651

Software

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### Selection Guide for Vision Sensors

Brochure

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### Vision Accessory Catalogue

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