



## FH-SC02

FH camera, high resolution 2M pixel, color

# Specifications

Number of pixels	2.0 MP
Autofocus	✘
Camera family	FH
Camera type	Color
Frame rate	219 fps
Illumination	None
Image width	2040 pixels
Image height	1088 pixels
Scan type	Area scan
Shutter type	Global
Image sensor format	2/3"
Image sensor type	CMOS
Lens mount	C-mount
Lens type	Not Applicable
Pixel size	5.5 µm
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

	<b>3Z4S-LE SV-1614H</b>	Accessory vision, lens 16 mm, high resolution, low distortion
	<b>3Z4S-LE SV-1614V</b>	Accessory vision, lens 16 mm
	<b>3Z4S-LE SV-2514H</b>	Accessory vision, lens 25 mm, high resolution, low distortion
	<b>3Z4S-LE SV-2514V</b>	Accessory vision, lens 25 mm
	<b>3Z4S-LE SV-3514H</b>	Accessory vision, lens 35 mm, high resolution, low distortion
	<b>3Z4S-LE SV-3518V</b>	Accessory vision, lens 35 mm
	<b>3Z4S-LE SV-5014H</b>	Accessory vision, lens 50 mm, high resolution, low distortion
	<b>3Z4S-LE SV-7525H</b>	Accessory vision, lens 75 mm, high resolution, low distortion
	<b>FZ-VS3 10M</b>	Accessory vision, FH and FZ, standard camera cable, 10m
	<b>FZ-VS3 3M</b>	Accessory vision, FH and FZ, standard camera cable, 3m
	<b>FZ-VS3 5M</b>	Accessory vision, FH and FZ, standard camera cable, 5m
	<b>FZ-VS4 15M</b>	Accessory vision, FH and FZ, camera cable, long distance, 15m
	<b>FZ-VSB3 10M</b>	Accessory vision, FH and FZ, camera cable, bend resistant, 10 m
	<b>FZ-VSB3 5M</b>	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



FZ-VSL3 5M

Accessory vision, FH and FZ, camera cable, standard, right angled connector, 5m

## Downloads

### CAD Library



**FH**  
Instruction Manual

EN PDF 2.81 MB



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

EN PDF 11.9 MB



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

EN PDF 21.4 MB



**FH Series Vision System - Macro Customize Functions**  
Programming Manual

EN PDF 5.96 MB



**FH-UAI - FH Application Software**  
Operation Manual

EN PDF 1.48 MB



**FH-UAI - FH Application Software**  
Reference Manual

EN PDF 39.1 MB



**FH-050(-0) - Image Processing System**  
Instruction Sheet

EN PDF 688 KB



**FH-series Vision System**  
Datasheet

EN PDF 13.1 MB



**FH/FHV Series Communications Settings**  
Communications Manual

EN PDF 13.2 MB



**FH/FHV Series Vision System**  
Users Manual

EN PDF 27.4 MB



**FH/FHV Series Vision System - Processing Item Function**  
Reference Manual

EN PDF 38.6 MB



**FH/FHV Vision Application Guide for ABB robots**  
Practice Guide

EN PDF 3.01 MB



## FH/FHV Vision Application Guide for Denso robots

Practice Guide

EN PDF 2.93 MB



## FH/FHV Vision Application Guide for Epson robots

Practice Guide

EN PDF 2.86 MB



## FH/FHV Vision Application Guide for Fanuc robots

Practice Guide

EN PDF 3.02 MB



## FH/FHV Vision Application Guide for Omron robots

Practice Guide

EN PDF 3.27 MB



## FH/FZ5 Series Vision System

Users Manual

EN PDF 43.2 MB



## FHV Series

Setup Manual

EN PDF 26.6 MB



## Selection Guide for Vision Sensors

Brochure

EN PDF 991 KB



## Sysmac

Catalogue

EN PDF 43.5 MB



## Sysmac: A Fully Integrated Platform

Brochure

EN PDF 19.1 MB



## Vision Accessory

Catalogue

EN PDF 51.4 MB