

## ZEBRA FS70 SMART CAMERA

FS70-CM20F5-0C00W  
FS70, 2.3 MP, 2D

- **Easy Setup:** The FS70 features Auto-Tune for automatic setup, ensuring consistent and reliable read rates with just one button press
- **IoT Ready:** It can send images to Zebra Savanna or other cloud services, facilitating compliance with industry regulations without the need for server management
- **Power Options:** Supports Power-over-Ethernet (PoE) for reduced setup complexity, and can also be powered via a standard 24V DC supply or USB-C
- **Customizable Scanning:** The FS70 supports various external C-mount lenses and lighting solutions, allowing for flexibility in addressing complex application requirements
- **Robust Performance:** With an operating temperature range of 32°F to 113°F and environmental sealing rated at IP65 and IP67, the FS70 is designed for durability in industrial settings



### PRODUCT DESCRIPTION

The FS70 is the ultimate scanner when it comes to customization. By giving the user a variety of options, it can achieve flawless tracking in virtually any application and any environment. Choose from four image sensors and a world of C-mount lenses and lighting options. Zebra's powerful and intuitive Aurora software platform gives you a tool to easily set up, deploy and run the FS70. Through a simple purchase of licenses, advanced functions can be added to meet new needs.

### TECHNICAL DATA

<b>Interface out</b>	Dual Ethernet (1 POE), Serial, USB & Industrial Protocols
<b>Lens Barrel</b>	C-Mount
<b>Resolution</b>	2.3 MP
<b>Size</b>	63.0 x 95.0 x 65.0
<b>Software performance</b>	Fast 2D Barcode Decoder

Ethernet Connector

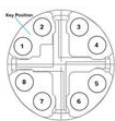


Table: Ethernet Connector Pinout Diagram

Pin	Description
1	TP1+
2	TP1-
3	TP2+
4	TP2-
5	TP4+
6	TP4-
7	TP3+
8	TP3-
SHELL	SHIELD

External Light Connector

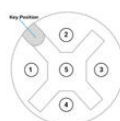


Table: External Light Connector Pinout Diagram

Pin	Color	Description
1	Brown	DC_OUT / GND
2	White	GPIO7
3	Blue	GND
4	Black	GPIO6
5	Grey	ANALOG_OUT
SHELL	Bare	SHIELD

Power and IO Connector

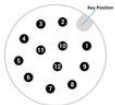


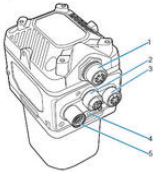
Table: Power and I/O Connector Pinout Diagram

Pin	Color	Description
1	Yellow	GPIO2
2	White/Yellow	TXD
3	Brown	RXD
4	White/Brown	GPIO4
5	Violet	GPIO5
6	White/Violet	COMMON_IN
7	Red	DC_IN
8	Black	GND
9	Green	COMMON_OUT
10	Orange	GPIO0
11	Blue	GPIO1
12	Grey	GPIO3
SHELL	Bare	SHIELD

xS70 Connections

The xS70 supports connections for USB C with DisplayPort, power serial and GPIO, X-coded Ethernet, and external lighting.

Figure: xS70 Connections



1	X-Coded Ethernet Port (Secondary)
2	External Lighting
3	X-Coded Ethernet Port
4	USB C (with DisplayPort)
5	Power Serial and GPIO

Ethernet Connector



Table: Ethernet Connector Pinout Diagram

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5	TP4+
6	TP4-
7	TP3-
8	TP3+
SHELL	SHIELD

External Light Connector

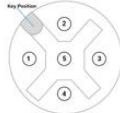


Table: External Light Connector Pinout Diagram

Pin	Color	Description
1	Brown	DC_OUT / GPIO8
2	White	GPIO7
3	Blue	GND
4	Black	GPIO6
5	Grey	ANALOG_OUT
SHELL	Bare	SHIELD

Power and IO Connector

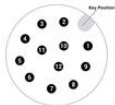


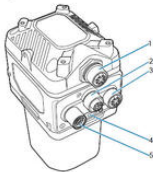
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