OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

ZEBRA FS70 CODE READER

FS70-CM20F5-0C00W
FS70, C-Mount, 2.3 MP, Fast, 2D, Dual Ethernet (1 POE), Serial, USB and Industrial Protocols, Lens Not Included - Worldwide



- 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

Interface out	Dual Ethernet (1 POE), Serial, USB & Industrial Protocols
Lens Barrel	C-Mount
Size	63.0 x 95.0 x 65.0
Software performance	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 / GPIO8
2	White	GPIO7
3	Blue	GND
4	Black	GPIO6
5	Grey	ANALOG_OUT
SHELL	Bare	SHIELD

Power and IO Connector

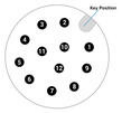


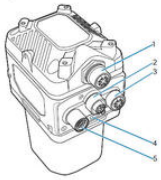
Table: Power and I/O Connector Pinout Diagram

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

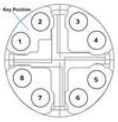


Table: Ethernet Connector Pinout Diagram

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 / GPIO8
2	White	GPIO7
3	Blue	GND
4	Black	GPIO6
5	Grey	ANALOG_OUT
SHELL	Bare	SHIELD

Power and IO Connector

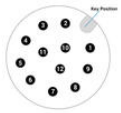


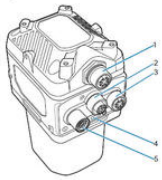
Table: Power and I/O Connector Pinout Diagram

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