

FS40

Skanner för streckkodsläsning med PoE

FS40-SR20D5-2R00W

FS40, SR, 2.3 MP, DPM, Fast 2D, Red BP Filter

- Upplösning: 2.3 / 5.1 Megapixel
- Pixelstorlek: 3.0 / 2.2 μm
- Bildhastighet: 60 / 30 fps
- Integrerad fokus och belysning
- IP-klassning: IP65 & IP67



PRODUKTBESKRIVNING

Spåra varje föremål i din produktion med FS40 i realtid. Tack vare flera anslutningsalternativ är det enkelt integrera med din PLC.

Zebbras kraftfulla Aurora mjukvara med sitt intuitiva gränssnitt gör FS40 enkel att installera, distribuera och använda. Det går även att enkelt upgradera din skanner för att få tillgång till nya funktioner och framtidssäkra din investering.

TEKNISK DATA

Belysning	Röd
Filter	Rött bandpassfilter
Fokus	Liquid lens
Interface out	Dual Ethernet (1 POE), Serial, USB & Industrial Protocols
Linstyp	Standard range
Software performance	DPM W/Fast 2D Barcode Decoder
Storlek	54.0 x 64.0 x 91.4
Typ av scanner	Fixed Scanner
Upplösning	2.3 MP

Specifications

Decode Ranges (Typical Working Ranges) ¹		
FS40-SR—30° FOV Lens		
Symbology/Resolution	Near	Far
5 mil Code 128	3 in./8 cm	24 in./61 cm
10 mil Code 128	3 in./8 cm	49 in./124 cm
15 mil Code 128	3 in./8 cm	70 in./178 cm
20 mil Code 128	3 in./8 cm	92 in./234 cm
5 mil DataMatrix	3 in./8 cm	13 in./33 cm
10 mil DataMatrix	3 in./8 cm	28 in./71 cm
15 mil DataMatrix	3 in./8 cm	40 in./102 cm
30 mil DataMatrix	3 in./8 cm	78 in./198 cm
FS40-WA—46° FOV Lens		
Symbology/Resolution	Near	Far
5 mil Code 128	3 in./8 cm	14 in./36 cm
10 mil Code 128	3 in./8 cm	30 in./76 cm
15 mil Code 128	3 in./8 cm	42 in./107 cm
20 mil Code 128	3 in./8 cm	56 in./142 cm
5 mil DataMatrix	3 in./8 cm	8 in./20 cm
10 mil DataMatrix	3 in./8 cm	18 in./46 cm
15 mil DataMatrix	3 in./8 cm	27 in./69 cm
30 mil DataMatrix	3 in./8 cm	52 in./132 cm
Footnotes		
1. Some features available in a future release. Contact your Zebra Partner or sales representative for more information.		
2. Refer to Product Reference Guide for complete list of symbologies.		
3. Printing resolution, contrast, power source, illumination source, and ambient light dependent.		
Specifications subject to change without notice.		

xS40 Connections

The xS40 supports connections for USB-C with DisplayPort, power serial and GPIO, x-coded Ethernet, and external lighting.

Figure: xS40 Connections



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

Ethernet Connector

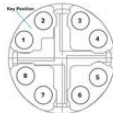


Table: Ethernet Connector Pinout Diagram

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

External Light Connector

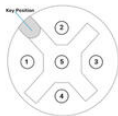


Table: External Light Connector Pinout Diagram

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

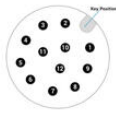


Table: Power and IO Connector Pinout Diagram

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

Specifications

Decode Ranges (Typical Working Ranges) ¹		
FS40-SR—30° FOV Lens		
Symbology/Resolution	Near	Far
5 mil Code 128	3 in./8 cm	24 in./61 cm
10 mil Code 128	3 in./8 cm	49 in./124 cm
15 mil Code 128	3 in./8 cm	70 in./178 cm
20 mil Code 128	3 in./8 cm	92 in./234 cm
5 mil DataMatrix	3 in./8 cm	13 in./33 cm
10 mil DataMatrix	3 in./8 cm	28 in./71 cm
15 mil DataMatrix	3 in./8 cm	40 in./102 cm
30 mil DataMatrix	3 in./8 cm	78 in./198 cm
FS40-WA—46° FOV Lens		
Symbology/Resolution	Near	Far
5 mil Code 128	3 in./8 cm	14 in./36 cm
10 mil Code 128	3 in./8 cm	30 in./76 cm
15 mil Code 128	3 in./8 cm	42 in./107 cm
20 mil Code 128	3 in./8 cm	56 in./142 cm
5 mil DataMatrix	3 in./8 cm	8 in./20 cm
10 mil DataMatrix	3 in./8 cm	18 in./46 cm
15 mil DataMatrix	3 in./8 cm	27 in./69 cm
30 mil DataMatrix	3 in./8 cm	52 in./132 cm
Footnotes		
1. Some features available in a future release. Contact your Zebra Partner or sales representative for more information.		
2. Refer to Product Reference Guide for complete list of symbologies.		
3. Printing resolution, contrast, power source, illumination source, and ambient light dependent.		
Specifications subject to change without notice.		

xS40 Connections

The xS40 supports connections for USB-C with DisplayPort, power serial and GPIO, x-coded Ethernet, and external lighting.

Figure: xS40 Connections



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

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

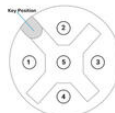


Table: External Light Connector Pinout Diagram

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

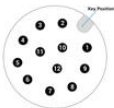


Table: Power and IO Connector Pinout Diagram

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	None	SHIELD