

ZEBRA FS80

Kamera viivakoodin luentaan ja deep learning
OCR

FS80-CM1607H00W

Lukija, 2D, 16MP, viivakoodi, OCR, master/slave, USB,
eri väylät

- Vaatiivin viivakoodi ja OCR sovelluksiin
- Resoluutiot 5-16MP
- Lukunopeus 22-42fps
- C-mount linssi
- TCP/IP, Ethernet/IP, PROFINET, Modbus TCP



TUOTEKUVAUS

Zebra FS80 on huippuluokan teollisuusskanneri, joka tarjoaa erinomaisen suorituskyvyn ja luotettavuuden. Se on varustettu korkean resoluution sensoreilla (5MP, 9MP, 12MP ja 16MP), tehokkaalla LED-valaistuksella ja Intel Atom x6211E -prosessorilla. Aurora Focus™ -ohjelmisto tekee skannerin käyttöönotosta ja hallinnasta helppoa. FS80 soveltuu erityisesti logistiikka- ja jakelukeskuksiin, tuotantolaitoksiin sekä varastoihin ja jakelupisteisiin.

TEKNISET TIEDOT

12408_Pixelsize	3.2 x 3.2 µm
12415_Certification - Environment	EN IEC 63000:2018
12416_Certification - Electricity	UL, CSA, IEC 61010
12417_Certification - EMC	EN 55011, EN 61326, FCC Part 15
12418_Dimensions (with lens cap)	75 x 120 x 75 mm
12419_Dimensions (without lens cap)	75 x 57 x 75 mm
12420_Weight (with lens cap)	504 g
12421_Weight (without lens cap)	407 g
Javascript tuki	Kyllä
Kehitysympäristö	Aurora Focus
Koko	75 x 120 x 75 mm
Liitäntä	One M12 X-Coded 1GbE, One M12-A 12-pin (female) Power & GPIO, One M12-A 12-pin (male) VGA
Linssin tyyppi	Fixed

Lukijan tyyppi	Fixed Scanner
Lämpötila-alue	0 °C till 45 °C
Maksimi lukunopeus	22
Massamuisti	32 GB
Materiaali	Alumiini
Optiikkasovite	C-Mount
Resoluutio	16 MP
Software performance	Standard 2D Barcode Decoder W/ DL OCR
Tarkennus	Manual iris
Virrankulutus	15 W (625 mA @ 24 VDC)

Digital IO and Power Connector

The digital IO and power connector is an M12 12-pin female connector (M12-CBL-PWRIO-9) that transmits and receives digital IO signals and provides power to your device.

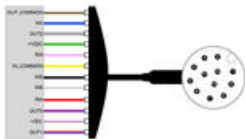


Table: M12-CBL-PWRIO-9 Digital IO and Power Pin-Out Diagram

Pin Number	Wire Color	Module Signal Name	Description
1	Brown	OUT_COMMON	Open-isolated industrial auxiliary signal (output) common. Ensure that OUT_COMMON is connected to the return path when using the F580 with the Multi-Feature Integrated Light.
2	Blue	NA	Not Supported
3	White	OUT2	Open-isolated industrial auxiliary signal 2 (output). Supported function: user Ix 2 (output 2 of 3).
4	Green	+VDC	Positive pin of the power provided to your device. This pin must be connected to a +24 V (+/- 10% power supply).
5	Pink	IN3	Open-isolated industrial auxiliary signal 3 (input).
6	Yellow	IN_COMMON	Open-isolated industrial auxiliary signal (input) common. Supported function: Whether you should connect this pin to an electrical return path or a voltage source depends on whether the third-party device is sourcing or sinking the current.
7	Black	IN5	Open-isolated industrial auxiliary signal 5 (input).
8	Grey	IN6	W_AJ19 IO6
9	Red	IN4	Open-isolated industrial auxiliary signal 4 (input).
10	Violet	OUT5	Open-isolated industrial auxiliary signal 5 (output).
11	Grey/White	-VDC	Negative pin of the power provided to your Zebra F580. This pin must be connected to the electrical return path.
12	Red/Blue	OUT1	Open-isolated industrial auxiliary signal 1 (output). Supported function: user Ix 1 (output 2 of 3).

Ethernet Connector

The Ethernet connector is an M12 (female) 8-pin X-coded connector that provides TCP/IP communication.

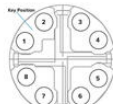
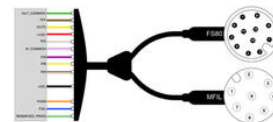


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Pin Number	Signal Name	Description
1	MDI_1+	Bidirectional data A+
2	MDI_1-	Bidirectional data A-
3	MDI_2+	Bidirectional data B+
4	MDI_2-	Bidirectional data B-
5	MDI_4+	Bidirectional data D+
6	MDI_4-	Bidirectional data D-
7	MDI_3-	Bidirectional data C-
8	MDI_3+	Bidirectional data C+

Power and IO Y Cable

The Power and IO Y cable (CBL-PWRIO500-M1210) transmits and receives digital IO signals and provides power to the F580 (M12-A 12-pin Male) and the Multi-Feature Integrated Light (M12-A 8-pin Female).



Flying Leads Color (24 AWG)	Function	12 Pin A Coded Male M12 to F580	8 Pin A Coded Female M12 to MFL
Green	OUT_COMMON	1 Green	6 Green
Green must be connected to -VDC to operate the Multi-Feature Integrated Light.			
Brown	N/A	2 Brown	-
Yellow	OUT2	3 Yellow	-
Red	+VDC	4 Red	1 Red
Grey	IN3	5 Grey	-
White/Violet	IN_COMMON	6 White/Violet	-
Violet	IN5	7 Violet	-
White/Yellow	IN6	8 White/Yellow	-
White/Brown	IN4	9 White/Brown	-
Black	-VDC	10 Black	8 Black
Orange	PASS	-	7 White/Orange
Blue	FAIL	-	2 White/Blue
White/Green	RESERVED_PROG	-	3 White/Green

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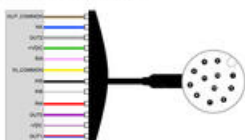


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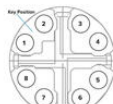
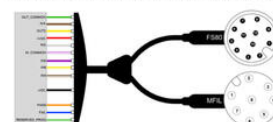


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