FS10 Fixed Industrial Scanner

Put plug-and-play high-quality scanning wherever you need it

Meet the compact scanner that makes industrial automation effortless. The Zebra FS10 brings powerful, high-quality barcode capture to any workstation, pack bench, or production line. You don't need complicated or bulky equipment—just plug it into a laptop, tablet, or host device to start scanning.

Powered by Zebra Aurora Focus™ software, the FS10 is easy to set up, deploy, and manage across your entire organization. Advanced imaging tools like ImagePerfect™ make it easy to get first-time, every-time reads, even on curved, shiny, or damaged surfaces.



Easy to Set Up

Accurate Reads With Auto-Tune
Read accurately and clearly even on shiny or curved surfaces. Auto-Tune instantly fine-tunes focus, brightness, and contrast for your environment.

Plug and Play With USB
The FS10 is truly plug and play. Just plug the standard USB connector into the USB port of a workstation, laptop, tablet, or any other host device to flawlessly capture the barcode data required to streamline inventory management, order fulfillment, and more. For network-connected environments, the certified serial-to-Ethernet cable adapter lets you connect the FS10 directly to your network without a dedicated host device.

Easy to Deploy

Built to Perform in Any Industrial Space
Stay productive in any environment. The FS10's IP65- and IP67-rated aluminum housing resists chemicals and oils, and its optional impact-resistant, easy-clean plastic exit window supports hygiene in food and beverage facilities.

Smart Accessories for Tight Spaces
The FS10 offers certified accessories—including adjustable brackets, 90° cables, and a deflective mirror—that make it easy to fit scanning into small areas without sacrificing performance. A cable guard keeps the USB connection secure, preventing accidental disconnections in busy workstations like pack benches.

The FS10—Get reliable, use-anywhere scanning that grows with your business.
For more information, please visit www.zebra.com/fs10.

Clear Signals for Confident Performance

Operators get instant visual and audible confirmation of each scan for consistent quality and smooth operations. Bright LEDs show scan status at a glance. In addition, a beeper with adjustable volume provides an audible cue of a successful decode, so workers can keep their eyes on the job—instead of the device. For noisy areas where standard beeper notifications aren't enough, an FS10 equipped with an external beeper port is available to provide louder notifications to ensure feedback is heard.

Real-Time Insight Where Work Happens

Give operators real-time intelligence right at their station. With the Zebra Aurora HMI dashboard, users can view and interact with performance data through any web browser—no dedicated PC required. That means fewer devices to manage, lower costs, and faster setup across your lines.

Easy to Run

Accurate Data, Every Time

Capture the data that keeps your business moving. Powered by Zebra Aurora Focus, the FS10 quickly and accurately reads 1D, 2D, and DPM barcodes, plus OCR characters. The optional polarizer improves contrast and reduces glare, so even shiny or uneven surfaces are no challenge. Add functionality as you grow with easy software licensing.

Rapid Troubleshooting

If any barcode read fails, this Zebra-only tool allows you to quickly identify and resolve the issue by comparing any image to a golden standard image created at setup. Operators can quickly identify image degradation, make corrections, and get scanning back on track.

Capture Every Code in One Scan

Capture every barcode on an item in one scan to save time and make sure nothing gets missed. Enable ManyCode mode in Zebra Aurora Focus to read all codes simultaneously, regardless of symbology, data type, or count.

Backed by Complete Coverage

Keep your scanners operating at peak performance. Zebra OneCare™ Essential and Select Support Services coverage includes normal wear, accidental damage, and next-day delivery of a replacement device, with the added assurance of on-site support and transparent, cloud-based repair tracking.

Specifications

Device Characteristics	
Dimensions	1.0 in. H x 2.0 in. D x 1.7 in. W 25.4 mm H x 51.0 mm D x 43.0 mm W
Weight	4.23 oz./120.0 g
Power	5 VDC, 1 A max (5 W)
Color and material	Industrial green aluminum housing
Interface ports and connectivity	1 USB 2.0 high-speed type-C connector
User indicators	Decode/Job Status LEDs, Power LED, Online/Run LED, Beeper (adjustable volume)
Performance Characteristics	
Image sensor	1.0 MP (1280 x 800 pixels) CMOS sensor with global shutter and 3.0 µm pixel size
Acquisition rate	Up to 60 fps
Aimer	Amber LED; circular pattern
Illumination	One 660 nm red LED and one 2700 K white LED
Imager field of view	6.0 mm Liquid Lens: 35° H x 26° V Nominal
User Environment	
Operating temp.	32°F to 113°F/0°C to 45°C
Storage temp.	-40°F to 158°F/-40°C to 70°C
Environmental sealing	IP65 and IP67
Humidity	5% to 90% RH, non-condensing
Shock resistance	EN 60068-2-27, 30 g; 11 ms; 3 shocks on each axis
Vibration resistance	EN 60068-2-6, 14 mm @ 2 to 10 Hz, 1.5 mm @ 13 to 55 Hz; 2 g @ 70 to 500 Hz; 2 hours on each axis
Supported Symbologies[1]	
1D	Codabar, Code 39, Code 93, Code 128, I 2 of 5, MSI Plessey, UPC/EAN
2D	Aztec, Data Matrix, DotCode, MaxiCode, PDF417, MicroPDF417, QR code, Micro QR
OCR	Deep learning-based OCR via an add-on license1. Supports latin letters (A–Z, a–z, digits or any of: !#$%&()*+,-./:;<=>?@[]^_`{|}~"'\€£¥)
Software	
Management	Zebra Aurora Focus
Decoder packages	1D/2D Fast (60 FPS); 1D/2D DPM Full (60 FPS)

Regulatory	
Environmental	EN 50581:2012; EN IE C 63000:2018
Electrical safety	IEC 62368-1 (Ed.2); EN 62368-1:2014/A11:2017
Laser safety	IEC 62471:2006 (Ed.1); EN 62471:2008
LED safety	IEC 62471:2006 (Ed.1); EN 62471:2008
EMI/EMS	EN 55032:2015/A11:2020 (Class B) EN 55035:2017 EN 61000-3-2:2014 (Class A) EN 61000-3-3:2013 47 CFR Part 15, Subpart B, Class B ICES-003, Issue 7, Class B
EU declaration of conformity	2014/30/EU; 2014/35/EU; 2011/65/EU. For more information visit: www.zebra.com/doc

Accesories

Brackets, straight and 90° cables, cable guard, deflective mirror, certified Serial-to-Ethernet cable adapter

Warranty

Subject to the terms of Zebra's hardware warranty statement, the FS10 is warranted against defects in workmanship and materials for a period of two (2) years from the date of shipment. Complete Zebra hardware product warranty statement: www.zebra.com/warranty

Recommended Services

Zebra OneCare Select™; Zebra OneCare Essential™

Footnotes

1. Refer to Product Reference Guide for complete list of symbologies.

Markets and Applications

Warehousing and Manufacturing

- Track and Trace
- Parts Identification
- End-of-Line Traceability
- Assembly and Work-in-Progress Traceability

Transportation and Logistics

- Print and Apply
- Optical Character Recognition (OCR) Reading
- Pack Bench
- Packaging Code Reading
- Put Away and Replenishment

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