



Comprehensive feature set, extraordinary flexibility, unsurpassed value

Today more than ever, the increasing demands of international commerce and its global supply chain are pressuring companies to deliver more — and to do it faster. From manufacturing to logistics to the end customer, success is driven by the ability to quickly move and track the products that drive your business.

Address it all with Zebra's FS40 Fixed Industrial Scanner, designed to meet the comprehensive requirements of today's production and delivery processes. The FS40 easily keeps pace with the fastest moving operations, enabling track-and-trace through the automatic and flawless decode of information on every part and package as it moves through production, storage and fulfillment — capturing even the most challenging barcodes. The result? Best-in-class production, warehousing, distribution and logistics processes that inspire businesses to reach their highest potential.

- ✓ Easy automatic configuration with Auto-Tune
- ✓ PoE+: Power supply via Ethernet
- ✓ Unlimited expansion options with USB-C
- ✓ Programmable I/O connections
- ✓ Powerful integrated lighting
- ✓ Extremely robust for industrial environments
- ✓ User and status indicators
- ✓ Simple targeting
- ✓ Additional flexibility through HMI dashboard
- ✓ Easy and fast integration with your network infrastructure
- ✓ Data logging always on the first scan
- ✓ Highest reading rates with perfect images
- ✓ Quick troubleshooting with Golden Image Compare
- ✓ Simultaneous scanning of all barcodes with ManyCode
- ✓ No more production delays thanks to two Ethernet connections



Specifications	
Physical Characteristics	
Dimensions	54,0 mm x 64,0 mm x 91,4 mm (H x W x D)
Weight	400 g
Power	10 to 30 VDC external power supply, 36W max at 24V • Class 4 PoE+ source, 25.5W max • Class 3 PoE source, 13W max • USB Type-C host, 7.5W max at 5V, 1.5A or 15W max at 5V, 3.0A
Configurable IO	(4) Four opto-isolated GPIO: GPIO0,1,2,3 (5) Five non-isolated GPIO: GPIO4,5,6*,7*,8* *Unavailable when External Light Mode is enabled
Interface Ports	• (1) M12 X-Coded 1000/100/10 Mbps Ethernet • (1) M12 12-pin Power/GPIO

Specifications	
	• (1) M12 5-pin External Light Power & Control/GPIO • (1) USB 3.0 SuperSpeed Type-C with DisplayPort Alt Mode • Available with one or two Ethernet ports
Communication Protocols	Ethernet/IP, PROFINET, CC-Link, Modbus TCP, TCP/IP
User Indicators	360 Degree Decode/Job Status LEDs, Power LED, Online/Run LED, Focus Warning LED, Error LED, Ethernet Status LED; Beeper (adjustable volume)
Performance Characteristics	
Image Sensor	Monochrome: 2.3 MP (1920 x 1200 pixels) CMOS Sensor with Global Shutter and 3.0 um Pixel Size
Acquisition Rate	Up to 60 frames/second
Aimer	Red Class II Laser; 8-point sunburst pattern
Illumination	Field replaceable modules: • (8) 660nm Red LEDs • (8) 470nm Blue LEDs • (8) 850nm IR LEDs • (8) 2700K (Color Temperature) White LEDs • (4) 660nm Red LEDs + (8) 850nm IR LEDs + (4) 470nm Blue LEDs + (8) 2700K (Color Temperature) White LEDs
Imager Field of View	SR (Standard Range): 10.8mm Liquid Lens (30° H x 19° V Nominal) WA (Wide Angle): 6.8mm Liquid Lens (46° H x 29° V Nominal)
User Environment	
Operating Temperature	• 32° F to 113° F/0° C to 45° C (10-30VDC external power supply, duty cycle-dependent) • 32° F to 113° F/0° C to 40° C (POE, duty cycle dependent)
Storage Temperature	-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 Symbolologies	
1D	Base 32 (Italian Pharma), Codabar/NW7, Code 11, Code 39, Code 93, Code 128, GS1 DataBar, I 2 of 5, Korean 3 of 5, MSI Plessey, UPC/EAN, DPM
2D	Aztec, Composite Codes, DataMatrix, Dotted DataMatrix, Dotcode, Han Xin, MaxiCode, PDF417, Micro PDF417, Postal Codes, QR Code, Micro QR, TLC-39, DPM
OCR	OCR-A, OCR-B, MICR, US Currency, Trainable OCR (available on select models or via an add-on OCR license)
Software	
Configuration	Zebra Aurora™

Specifications	
Decoder and Toolsets Packages	Decoder and Toolsets packages vary by SKU; software Decoder Package upgrades available via an upgrade license.
Regulatory	
Environmental	EN 50581:2012, EN IEC 63000:2018
Electrical Safety	IEC 62368-1 (Ed.2), EN 62368-1:2014/A11:2017
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.
Accessories	
Internal illumination, external illumination, internal filters, brackets, cables, power supplies	