![Zebra — Capture Your Edge]

OEM Scan Engines and Devices

Deliver industry-leading features, durability and reliability

Contents

Icon Key

Industry sectors

1D	Mobile
2D	Healthcare
Indoor	Gaming / Lottery
Outdoor	Kiosk / Cabinets / Vending
Fixed	RFID

Scan Engine Illumination & Aiming icons

White Illumination No Aimer	Red Illumination Red Laser Aimer
White Illumination Red LED Aimer	White Illumination Red Laser Aimer
White Illumination Green LED Aimer	Red Illumination Red Laser Aimer
Red Illumination Red LED Aimer	

OEM Scan Engines

Industry-leading barcode scanning at any range

OEM Scan Engines

SE950

Miniature scan engine with optimum quality, reliability and durability

- Use in fixed and mobile devices
- For enterprise, general purpose and consumer use
- 1-piece scan engine
- SSI control over TTL serial on a 12 pin ZIF connector

FIND OUT MORE

SE960

The largest feature set in one of the smallest engines available

- Use in fixed and mobile devices
- For enterprise and general purpose use
- 1-piece scan engine with on-board decoder
- Serial host interface
- Mid-range scanning distance
- Adaptive scanning
- Programmable scan angle
- Die cast zinc chassis
- Lifetime warranty on polymer scan element

FIND OUT MORE

SE655

Brings affordable 1D linear scanning to a wide variety of products

- Use in fixed and mobile devices
- For enterprise, general purpose and consumer use
- 1-piece scan engine with on-board decoder
- Serial host interface
- Near to contact and standard range scanning distance
- Low profile: 7.7mm high
- 1D linear CCD
- Scan from digital display screens
- 2000G shock rating

FIND OUT MORE

Scanning distances: Near to contact scanning 0-10" | Standard Range = up to 16" - 24" on 100% UPC | Mid-Range = up to 36" on 100% UPC
Extended Range = 25' + on large barcodes | High Density = close range on high density barcodes

OEM Scan Engines

SE2100

An affordable tiny turnkey combination imager engine and illumination system

- Use in fixed and mobile devices
- For general purpose and consumer use
- Scan engine with software decoder running on host device
- MIPI host interface
- OCR & image capture
- Near to contact scanning distance
- 640x480 VGA sensor

FIND OUT MORE

SE2707

Decoded scan engine in an easy-to-integrate, cost-effective form factor

- Use in fixed and mobile devices
- For enterprise, general purpose and consumer use
- 1-piece scan engine with on-board decoder
- Serial or USB host interface
- Image capture
- Near to contact and standard range scanning distance
- 640 x 480 VGA sensor

FIND OUT MORE

SE4100 / SE4107

The ultra-miniature and cost effective 2D imaging engine

- Low-height (6.9mm)
- Ideal for space constrained products
- Decoded or un-decoded options
- SE4100 Parallel and MIPI
- SE4107 serial or USB
- 1280x960 sensor

FIND OUT MORE

SE4700

Undecoded engine in an easy-to-integrate, cost-effective form factor

- Use in mobile devices
- For general purpose use
- Scan engine with software decoder running on host device
- Parallel and MIPI host interface
- Near to contact & standard range scanning distance
- 640x400 sensor

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OEM Scan Engines

SE3300

High-quality performance in an affordable package

- Use in fixed devices
- For enterprise and general purpose use
- Hardware decoder separate from scan engine
- Scan engine with software decoder running on host device
- Parallel, Serial/Serial USB host interface
- OCR, document & image capture
- Near to contact, standard range & high-density scanning distance
- Three models: SR HD WA
- 752x480 sensor

FIND OUT MORE

SE3307

Single piece to minimize integration efforts

- Use in fixed devices
- For enterprise and general purpose use
- 1-piece scan engine with on-board decoder
- Serial/Serial USB host interface
- OCR, document & image capture
- Near to contact, standard range high-density scanning distance
- Three models: SR HD WA
- 752x480 sensor

FIND OUT MORE

SE4710

A miniature high-performance imager for mobile devices

- Use in fixed and mobile devices
- For enterprise and general purpose use
- Hardware decoder separate from scan engine
- Scan engine with software decoder running on host device
- Parallel & MIPI host interface
- OCR, document & image capture
- Wide field of view
- Extraordinary working range (near contact to 60cm)
- MIPI & parallel
- 1280x800 sensor

FIND OUT MORE

SE4760

Ideal for integration into mid-tier mobile devices

- Use in mobile devices
- For enterprise and general purpose use
- Scan engine with software decoder running on host device
- MIPI host interface
- OCR, document & image capture
- Near to contact & standard range scanning distance
- Superior motion tolerance with global shutter
- 768x480 sensor

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OEM Scan Engines

SE4720

The ultimate in flexibility with a small design that fits anywhere

- Use in fixed and mobile devices
- For enterprise and general purpose use
- Hardware decoder separate from scan engine
- Scan engine with software decoder running on host device
- Parallel & MIPI interface
- OCR, document & image capture
- Near to contact & standard range scanning distance
- Global shutter
- 1200x800

FIND OUT MORE

SE4750 / SE4757

Resets the bar for imagers, with unparalleled performance on many types of data

- Use in fixed and mobile devices
- For enterprise and general purpose use
- Hardware decoder separate from scan engine
- Scan engine with software decoder running on host device
- Parallel or MIPI and Serial USB host interface
- OCR, document & image capture, direct part marking
- Standard range, mid range and high density scanning distance
- Models: SE4757-SR
- Models: SE4750 SR MR DP
- Global shutter
- 1280x960

FIND OUT MORE

SE4770

Ideal for scanning at longer ranges or in bright sunlight

- Use in fixed and mobile devices
- For enterprise and general purpose use
- Hardware decoder separate from scan engine
- Scan engine with software decoder running on host device
- Parallel or MIPI interface
- OCR, document & image capture
- Near to contact & standard range scanning distance
- Global shutter
- 1280x800

FIND OUT MORE

SE4850-ER

Extended range imaging engine with brighter laser aimer

- Extended range 2D imaging engine
- Auto focus
- MIPI interface
- Class 2 bright laser aimer
- Use in mobile device, hand held scanners, drones, robots
- Extended range 2D imaging engine
- Auto focus
- Auto range detection system
- Dual (near & far) rolling shutter mega pixel 1280x800 sensors
- SW or PL5000 decode
- 7cm to 21 meters range (symbology dependent)

FIND OUT MORE

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Fixed Mount Scanners

High-volume, hands-free scanning

Fixed Mount Scanners

MS954

Ideal for designs with space constraints, such as kiosks and clinical diagnostic equipment

- For enterprise use
- 1-piece scan engine with on-board decoder
- RS232 serial interface
- Standard range scanning distance

FIND OUT MORE

DS457

Fast and accurate scanning in a tiny footprint that fits in the most space-constrained areas

- For enterprise use
- 1-piece scan engine with on-board decoder
- Serial & USB host interface
- OCR, document & image capture, direct part marking
- Standard range and high density scanning distance
- Four models: SR HD DL DP

FIND OUT MORE

SE3317-WA

All-in-one solution with imager engine, Decoder, exit window advanced auto trigger

- For enterprise and general purpose use
- 1-piece scan engine with on-board decoder
- Serial USB host interface
- OCR, document & image capture
- Near field & standard range scanning distance
- Wide VGA 752x480
- Integrated scan window
- Integrated proximity sensors
- Integrated beeper
- Five mounting points with shock absorption gromets

FIND OUT MORE

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Fixed Mount Scanners

MS4717

Easy to integrate into a wide variety of enclosures from multiple sides

- Use in fixed devices
- Micro USB interface
- Two models: SR DL
- Decoded engine
- Easy to mount: 10 points, five sides
- Flat front for flush installation/mounting
- Integrated beeper
- Integrated user feedback LED

FIND OUT MORE

MS4717 Cone / Window

MS4717 performance with cone mount for contact scanning at the exit window

- Weight: 4.13oz / 117g
- IP54
- Field of view: 42° H x 28° V nominal
- Aiming pattern: circular 610nm amber LED
- 5.0 ft./1.5 m to concrete
- Fits inside most kiosk designs
- MS4717 included, preinstalled
- Micro-USB
- Integrated beeper
- Integrated user feedback LED
- Intuitive scanning at near contact
- EVA compliant mounting points
- 1.5mm front glass
- SR DL

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Decoders

Save space and power while reducing costs
with software decode

Decoders

PL5000

A model that will fit in every product design

- Use in fixed and mobile devices
- For enterprise and general purpose use
- Hardware decoder separate from scan engine
- OCR, document & image capture, direct part marking
- 3 sizes/form factors
- **PL5000 - A** - 30x16x8mm approx. MIPI, parallel, parallel+DPM
- **PL5000 - B** - 39x26x6mm approx. parallel, parallel USB, parallel+DPM
- **PL5000 - C** - BGA chip, 104 ball grid array. 19x12x3mm approx. MIPI, parallel, parallel+DPM

FIND OUT MORE

SDL

Connects the Zebra 2D imaging engine directly to a host device CPU

- Software decode libraries
- Use in fixed and mobile devices
- For enterprise, general purpose and consumer use
- Scan engine with software decoder running on host device
- OCR, document & image capture, direct part marking
- Software decode libraries
- For Zebra scan engines with no hardware decoded
- Unlimited use with Zebra scan engines
- <100ms decode speed

FIND OUT MORE

SDC

Empower off the shelf cameras with quality 1D and 2D scanning

- Software decode for cameras
- Use in mobile devices
- For enterprise and consumer use
- Host device has a camera - no scan engine needed
- Software decoder only
- Software decode for cameras
- For COTS devices with cameras
- Same algorithms as used in Zebra enterprise grade scan engines
- <1 second decode speed

FIND OUT MORE

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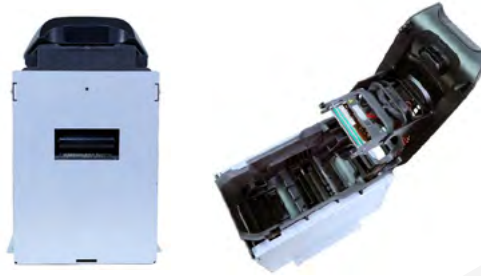
RFID

Print

RE40

Zebra's first RFID module designed to be embedded into third-party OEM equipment

- Use in fixed and mobile devices
- For enterprise and consumer use
- SMT module or PCB mounted carrier board
- Module orderable in 10 pack or tray of 200 unit tape & reel
- PCB with dual antenna port
- EPC global UHF gen 2
- ETSI EN 302 208
- Module 28x30x3mm
- PCB 70x43x10mm

FIND OUT MORE

ZC30K

Kiosk based solution to print virtually any iD card with ground-breaking simplicity and speed

- Single or dual sided printing
- Full colour dye sublimation or monochrome thermal transfer printing
- Standard CR80 54 x 85,6 mm PVC or PVC composite 30-mil cards
- Integrated card flipper in the dual-sided version
- Front & read card ejection ports
- 300 dpi print resolution
- USB 2.0 and Ethernet
- 2GB Flash memory
- 3 tri-colour status lights
- 10 card reject bin
- 2 year warranty on print head

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Why Zebra for OEM?

With Zebra's comprehensive and proven
OEM portfolio, you can:

- Deliver leading edge technologies that increase customer loyalty
- Speed up your time to market
- Improve your profit margins
- Take time and cost out of your product development cycles
- Build your brand

From component scan engine technology that easily integrates into your
design, to private labelled wireless and mobile computing solutions with
your specifications and brand logo, our OEM portfolio delivers solutions your
customers can count on, while reducing your costs and time-to-market.

Contact

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our global contact directory at
www.zebra.com/contact

For full detailed specification, please refer to the Data Sheet on **zebra.com/oem**