

1D Barcode



1 234567 890123
EAN-13 / JAN-13



0 12345 67890 5
UPC-A



12345678
EAN 128



12345
Code 39



12345678
Code 93



12345678
Code 128



12345678
Interleaved 2 of 5 (ITF)



A123456A
Codabar (NW7)

2D Barcode



PDF 417



MicroPDF 417



GSI DataMatrix



QR Code



MicroQR Code



Aztec Code



Website



Company Introduction



Facebook



COMMITMENT TO YOUR AUTO IDEAL LIFE

Over 35 Years of Expert Knowledge and Customer Satisfaction

ZEBEX was founded in 1987; we are a Taiwanese company dedicated to the production of Auto-ID equipment with decades of expert knowledge and practical experience.

QUALITY PRODUCTION

High quality is central to every part of the ZEBEX business. With our dedication to all-around high-quality work, ZEBEX has been granted ISO 9001:2015 certification since 1998, along with a growing list of industry-recognized accreditations and qualifications.



DRIVEN BY INNOVATIVE TECHNOLOGY

Our ongoing R&D program has resulted in the development of the most advanced decoding technology on the market – the Z-SCAN+ and our unique patented omnidirectional scanning technology. The products we bring to the market are always designed with excellent quality and innovation in mind.

INTERNATIONAL GLORY, WORLD-CLASS EXCELLENCE

In recognition of our commitment to research and good product design, ZEBEX products have won numerous prestigious international awards; examples include: iF Product Design Awards 2007 & 2009, the red dot product design award 2007 & 2010 in Germany, Good Design Award 2007 & 2015 in Japan, and more.



FULL SUPPORT FOR OUR CUSTOMERS — HARDWARE, MARKETING, AND SYSTEM DEVELOPMENT

ZEBEX's business partners enjoy the benefits of complete support, including system integration, marketing, software development, and multi-level troubleshooting. By becoming a ZEBEX partner, you will have access to resources and tools to help shape your Auto-IDEal Life.



ENVIRONMENTAL SUSTAINABILITY

Implement energy-saving and waste reduction, implement green operations.

As a commitment to save the environment, ZEBEX tries to do its part to combat the effects of climate change.

- Give back to the environment
- Green product policy
- Energy-saving and carbon-reduction

COMMUNITY PARTICIPATION

Participate in social welfare and benefit the disadvantaged in society.

ZEBEX believes that while creating its revenue growth, it must also help the society. Therefore, ZEBEX asks its colleagues to contribute to the community through various services.

- Helping the misfortunes. (Love is the light concert)
- Charity sale for children
- Epidemic prevention support

CORPORATE COMMITMENT

Improve employee well-being and promote social stability. ZEBEX values employees' physical and mental health. We try our best to achieve positive changes and promote the natural stability of the company and society.

- Organize health activities
- Safe working environment
- Regular health checkups.
- Welfare Committee activities

CORPORATE GOVERNANCE

Strengthen corporate governance and deepen sustainable management.

Sustainable management is no longer limited to the enterprise itself but should be extended to all relational supply chains. We collaborate with business partners to create shared values in CSR. In doing so, we can create more potential opportunities and benefits for all. Pursue sustainable quality management: ISO9001:2015 certification

"The sustainability of ZEBEX is rooted in the business philosophy of "Environmentally Friendly Products Made in Taiwan."

To achieve this vision, we have adopted the "Continuing Value" strategy that uses environmental, social, economic, and other factors to shape our corporate competitive advantage."



04

Industrial Scanner

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Handheld Scanner

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Scan Module / Engine

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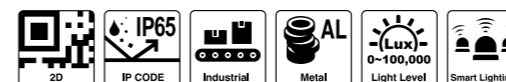
Decoding Capability



NEW
ZX-1010

2D Image Fixed Industrial Scanner

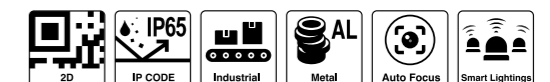
Image Sensor	1280 × 800 CMOS
Light Source	Red LED support 7 different light mode
DOF	5 mil (Code39) : 55 – 170 mm 7 mil (QR Code) : 35 – 90 mm 13 mil (EAN 13) : 50 – 400 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	Max. 100,000 Lux
Input Voltage	5 - 36 VDC
Op. Current	300 mA typical
Dimensions	36 x 43 x 24 mm (device only)
Environmental Sealing	IP65



NEW
ZX-5020

2D Image Fixed Industrial Scanner

Image Sensor	1920 × 1080 CMOS
Light Source	Aiming : 650mm visible LED Illumination : white and red
Focus Capabilities	30mm - 1500mm (autofocus)
Min. Resolution	3 mil (1D) 5 mil (2D)
Print Contrast	30% @ UPC/EAN 100%
Light Level	Max. 100,000 Lux
Op. Current	800 mA typical
Dimensions	54 x 92 x 54.2 mm (device only)
Input Voltage	12 - 24 VDC
Interface	USB 2.0 High Speed, RS-232, Ethernet
Vibration	10 ~ 55Hz, 0.75mm/3axes
Environmental Sealing	IP65



*The appearance of product is subject to practicality



NEW Z-3192BT Plus

Gun-Type Wireless 2D Image Handheld Scanner

Image Sensor	1280 x 800 CMOS
Light Source	Aiming Element: 617 nm LED Illumination: white LED
DOF	4 mil (Code39) : 70 – 140 mm 5 mil (Code39) : 60 – 160 mm 13 mil (EAN 13) : 40 – 280 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	0-100,000 Lux
Op. Current	500 mA charging
Dimensions	147 x 62 x 114.5 mm (device only)
Weight	194g (with Battery)

Cradle Model	RS-95
Dimensions	112.4mm x Ø 102.4mm
Weight	304g



NEW Z-3190BT Plus

Gun-Type Wireless CCD Handheld Scanner

Optics	Linear CCD array
Scan Rate	330 scans per second
DOF	4 mil (Code39) : 40 – 100 mm 5 mil (Code39) : 40 – 140 mm 13 mil (Code39) : 30 – 330 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	0 - 100,000 lux (fluorescence)
Op. Current	500 mA charging
Dimensions	147 x 62 x 114.5 mm (device only)
Weight	197g (with Battery)

Cradle Model	RS-95
Dimensions	112.4mm x Ø 102.4mm
Weight	304g



NEW Z-3102

2D Image Handheld Scanner

Image Sensor	1280 x 800 CMOS
Light Source	617 nm LED
DOF	4 mil (Code39) : 30 – 130 mm 5 mil (Code39) : 30 – 160 mm 7.5 mil (QR Code) : 30 – 125 mm 13 mil (EAN 13) : 30 – 300 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	Max. 100,000 Lux
Op. Current	150 mA 5V typical
Dimensions	152.3 x 64.4 x 104.9 mm (device only)
Weight	86.5g



Z-3272 Plus

Gun-Type 2D Image Handheld Scanner

Image Sensor	1280 x 800 CMOS
Light Source	Aiming Element : 617nm LED Illumination : 617 nm LED
DOF	3 mil (Code 39) : 50 - 80 mm 5 mil (Code 39) : 50 - 150 mm 13 mil (UPC/EAN) : 30 - 280 mm
Min. Resolution	3 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	0 - 100,000 lux (fluorescence)
Input Voltage	5 VDC ± 10%
Op. Current	230 mA @ 5V (Typical)
Dimensions	180.0 H x 70.0 W x 107.0 D mm
Weight	150 g



Z-3392 Plus

Gun-Type 2D Image Handheld Scanner

Image Sensor	1280 x 800 CMOS
Light Source	Aiming Element : 617 nm LED Illumination : white LED
DOF	5 mil (Code 39) : 50 - 150 mm 13 mil (EAN13) : 30 - 280 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	0 - 100,000 lux (fluorescence)
Input Voltage	5 VDC ± 10%
Op. Current	320 mA @ 5V (Typical)
Dimensions	163.0 H x 66.6 W x 82.4 D mm
Weight	128 g





Z-3190

Gun-Type CCD Handheld Scanner

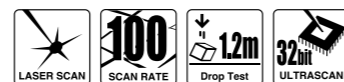
Optics	Linear CCD array
Scan Rate	330 scans per second
DOF	4 mil : 30 - 90 mm 7.5 mil : 10 - 190 mm 13 mil : 20 - 320 mm 20 mil : 10 - 360 mm
Min. Resolution	3 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	0 - 100,000 lux
Input Voltage	5 VDC ± 10%
Op. Current	100 mA @ 5V (Typical)
Dimensions	147.0 H × 62.0 W × 114.5 D mm
Weight	135 g (device only)



Z-3191 LE

Gun-Type Laser Handheld Scanner

Optics	650 nm VLD
Scan Rate	100 scans per second
DOF	4 mil : 0 - 10 mm 5 mil : 20 - 80 mm 7.5 mil : 10 - 200 mm 10 mil : 10 - 230 mm 13 mil : 30 - 250 mm 20 mil : 50 - 380 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	45% @ UPC/EAN 100%
Light Level	0 - 4,500 lux
Input Voltage	5 VDC ± 10%
Op. Current	85 mA @ 5V (Typical)
Dimensions	147.0 H × 62.0 W × 114.5 D mm
Weight	140 g



Z-3220 Plus

Linear Image Handheld Scanner

Optics	Linear CCD array
DOF	4 mil : 0 - 45 mm 5 mil : 0 - 70 mm 7.5 mil : 0 - 80 mm 10 mil : 0 - 90 mm 13 mil : 0 - 100 mm 20 mil : 0 - 120 mm
Scan Rate	250 scans per second
Input Voltage	5 VDC ± 10%
Op. Current	60 mA @ 5V (Typical)
Light Level	6,000 Lux (fluorescence)
Dimensions	161.5 H × 72.5 W × 55.2 D mm (device only)
Weight	91 g (device only)



Z-310x Series

Advanced Laser CCD Handheld Scanner

Model	Z-3100
Optics	Linear CCD array
Scan Rate	330 scans per second
DOF	4 mil : 0 - 60 mm 5 mil : 0 - 100 mm 7.5 mil : 0 - 180 mm 10 mil : 0 - 220 mm 13 mil : 0 - 285 mm 20 mil : 0 - 350 mm
Light Level	0 - 100,000 lux
Input Voltage	5 VDC ± 10%
Op. Current	100 mA @ 5V (Typical)
Dimensions	152.3 H × 64.4 W × 104.9 D mm (device only)
Weight	84 g (device only)



Model	Z-3101
Optics	650 nm VLD
DOF	4 mil : 20 - 60 mm 5 mil : 20 - 90 mm 7.5 mil : 0 - 160 mm 10 mil : 0 - 200 mm 13 mil : 10 - 250 mm 20 mil : 10 - 300 mm
Light Level	Max. 4,500 Lux
Op. Current	80 mA @ 5V (Typical)
Weight	92.3 g (device only)





Healthcare

- ✓ Disinfectant ready plastics
- ✓ Anti-microbial material



Z-3151 HS

High-Speed Laser Handheld Scanner

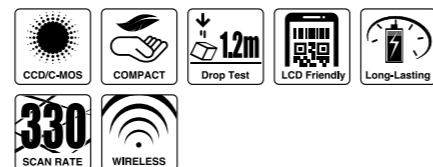
Optics	650 nm VLD
DOF	5 mil : 50 - 110 mm 7.5 mil : 30 - 150 mm 10 mil : 30 - 180 mm 13 mil : 35 - 210 mm 20 mil : 20 - 280 mm
Scan Rate	500 scans per second
Input Voltage	5 VDC ± 10%
Op. Current	180 mA @ 5V (Typical)
Light Level	4,500 Lux (fluorescence)
Dimensions	107.8 H × 58.3 W × 155.2 D mm (device only)
Weight	130 g (device only)



Z-3250

Handy Wireless CCD Scanner

Optics	Linear CCD array
DOF	4 mil : 50 - 90 mm 5 mil : 50 - 120 mm 7.5 mil : 30 - 210 mm 10 mil : 30 - 240 mm 13 mil : 30 - 330 mm 20 mil : 40 - 380 mm
Scan Rate	330 scans per sec.
Light Level	0 - 100,000 Lux
Weight	79.7 g (w.battery)



NEW

Z-3100 HC

Advanced CCD Handheld Scanner

Optics	Linear CCD array
Scan Rate	330 scans per second
DOF	4 mil : 0 - 60 mm 5 mil : 0 - 100 mm 7.5 mil : 0 - 180 mm 10 mil : 0 - 220 mm 13 mil : 0 - 285 mm 20 mil : 0 - 350 mm
Light Level	0 - 100,000 lux
Input Voltage	5 VDC ± 10%
Op. Current	100 mA @ 5V (Typical)
Dimensions	152.3 H × 64.4 W × 104.9 D mm (device only)
Weight	84 g (device only)



NEW

Z-3102 HC

2D Image Handheld Scanner

Image Sensor	1280 × 800 CMOS
Light Source	617 nm LED
DOF	4 mil (Code39) : 30 - 130 mm 5 mil (Code39) : 30 - 160 mm 7.5 mil (QR Code) : 30 - 125 mm 13 mil (EAN 13) : 30 - 300 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	Max. 100,000 Lux
Op. Current	150 mA 5V typical
Dimensions	152.3 x 64.4 x 104.9 mm (device only)
Weight	86.5g



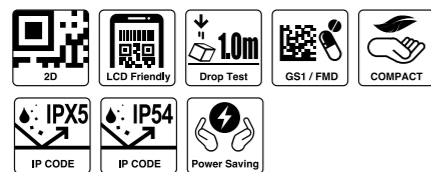


NEW

Z-6012 GT

2D Image Hands-Free Scanner

Image Sensor 1280 × 800 CMOS
 Light Source 617 nm LED
 DOF 4 mil (Code39) : 50 – 80 mm
 5 mil (Code39) : 50 – 120 mm
 13 mil (EAN 13) : 10 – 200 mm
 Min. Resolution 4 mil (Code 39)
 Print Contrast 30% @ UPC/EAN 100%
 Light Level Max. 100,000 Lux (Typical 80,000 Lux)
 Op. Current 200 mA typical
 Dimensions 110.9 × 70.0 × 65.8 mm
 (On fixed stand)
 Weight 225 g (With stand)



Z-8072 Ultra

2D Image Hands-Free Scanner

Image Sensor 1280 × 800 CMOS
 Light Source Illumination : 617nm LEDs
 DOF 3 mil (Code 39) : 0 - 30 mm
 5 mil (Code 39) : 0 - 50 mm
 13 mil (EAN13) : 0 - 210 mm
 Print Contrast 30% @ UPC/EAN 100%
 Op. Current 220 mA @ 5V (Typical)
 Dimensions 145.0 H × 80.0 W × 97.0 D mm
 Weight 250 g



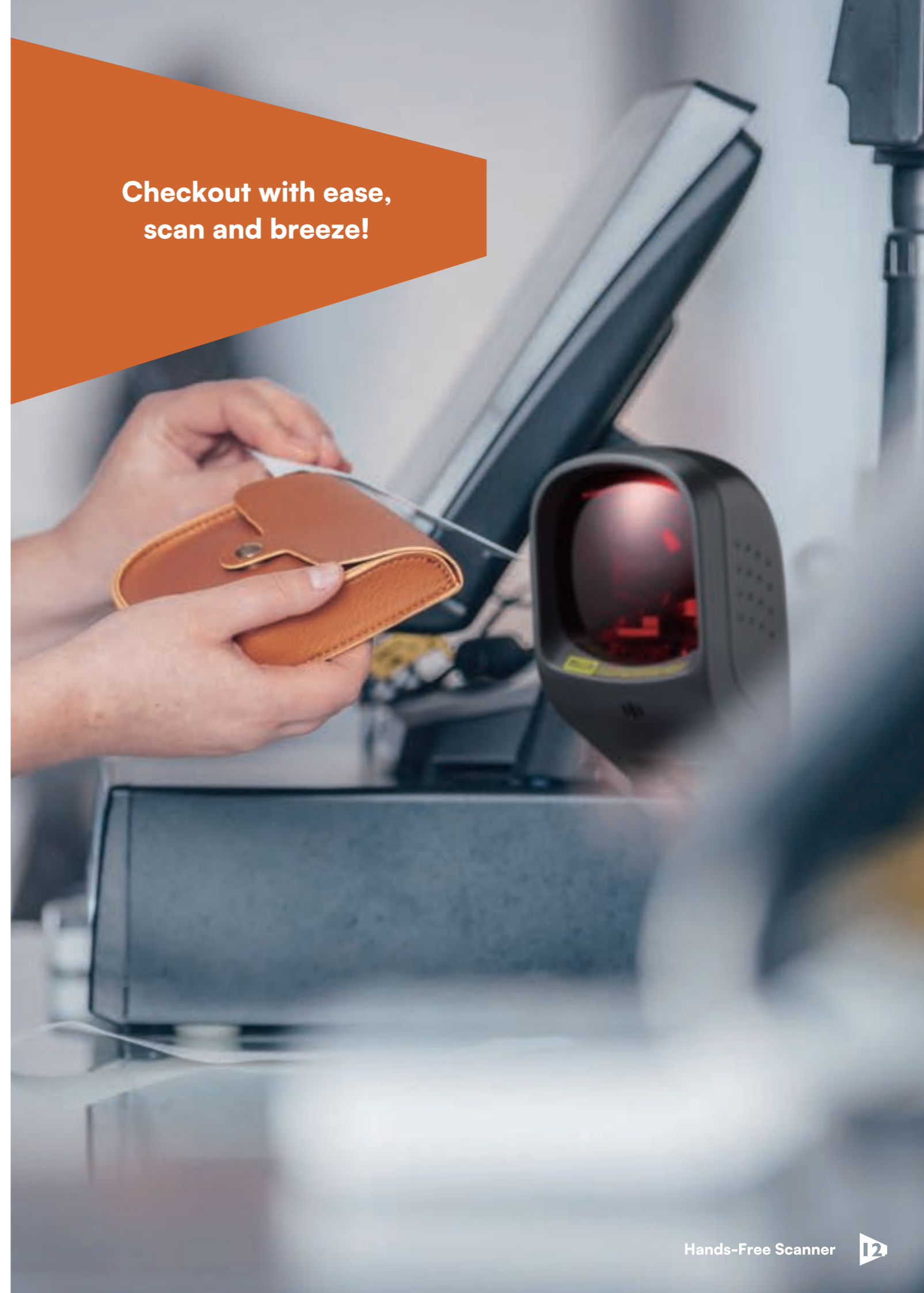
Z-6170

Single-Laser Omnidirectional Hands-Free Scanner

Optics 650 nm VLD
 DOF 4 mil : 10 - 50 mm
 5 mil : 0 - 90 mm
 7.5 mil : 0 - 170 mm
 10 mil : 0 - 220 mm
 13 mil : 0 - 240 mm
 20 mil : 0 - 300 mm
 Scan Rate 1,400 scans per second
 (omnidirectional);
 70 scans per second (single-line)
 Scan Pattern 20 lines & 5 directions
 Input Voltage 5 VDC ± 10%
 Op. Current 250 mA @ 5V (Typical)
 Light Level Up to 4,500 Lux (fluorescence)
 Dimension 165.1 H × 100.0 W × 118.0 D mm
 Weight 400 g (without cable)



Checkout with ease,
scan and breeze!





Z-8182

2D Image On-Counter Scanner

Image Sensor	1280 × 800 CMOS
Light Source	Illumination : 617nm LEDs
DOF	5 mil (Code 39) : 0 - 80 mm 13 mil (EAN13) : 0 - 220 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	0 - 100,000 lux (fluorescence)
Input Voltage	5 VDC ± 10%
Op. Current	190 mA @ 5V (Typical)
Dimensions	151.8 H × 152.2 W × 85.0 D mm
Weight	470 g



Z-6182 GT

Dual-Laser Omnidirectional In-Counter Scanner

Optics	Dual 650 nm VLD
DOF	5 mil : 0 - 55 mm 7.5 mil : 0 - 120 mm 10 mil : 0 - 170 mm 13 mil : 0 - 200 mm 20 mil : 0 - 280 mm
Scan Rate	3,600 scans per second
Scan Pattern	40 lines & 10 directions
Input Voltage	9 VDC ± 10%
Op. Current	440 mA @ 9V (Typical)
Light Level	Up to 4,500 Lux (fluorescence)
Dimension	152.5 H × 152.0 W × 82.0 D mm
Weight	685 g (without cable)



Z-6910 Series

Superb Bi-Optical In-Counter Scanner / Scale

Model	Z-6910
Optics	2 x dual 650 nm VLD
Scan Rate	Horizontal & Vertical : 80 scans per second (single-line) Horizontal & Vertical : 3,200 scans per second (omnidirectional)
Scan Pattern	Horizontal : 40 lines (5 directions) & Vertical : 40 lines (5 directions)
DOF	Horizontal : 13 mil (EAN13) : 0 - 180 mm Vertical : 13 mil (EAN13) : 0 - 250 mm
Min. Resolution	Horizontal : 4 mil (Code 39) ; Vertical : 5 mil (Code 39)
Print Contrast	45% @ UPC/EAN 100%
Light Level	0 - 4,500 lux (fluorescence)
Input Voltage	12 VDC
Dimensions	292.0W × 353.0D × [142.1H (above counter) + 103.6H (below counter)] mm
Weight	6.87 kg
Mode	Z-6910M
Dimensions	292.0W × 399.0D × [142.1H (above counter) + 103.6H (below counter)] mm
Mode	Z-6910MS
Dimensions	292.0W × 399.0D × [138.1 H (above counter) + 107.6H (below counter)] mm





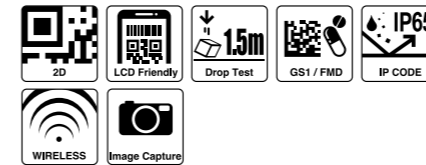
We help you navigate the world with a simple scan



Z-5132 GT

2D Image Scan Module

Image Sensor 1280 × 800 CMOS
 Light Source Illumination : White LEDs
 DOF 5 mil (Code 39) : 60 - 160 mm
 13 mil (EAN13) : 40 - 280 mm
 Min. Resolution 4 mil (Code 39)
 Print Contrast 30% @ UPC/EAN 100%
 Input Voltage 5 VDC ± 5%
 Op. Current 125 mA @ 5V (Typical)
 Dimensions 19 H × 38 W × 38.6 D mm
 (device only)
 Weight 22 g



Z-5652 Ultra

2D Image Scan Module

Image Sensor 1280 × 800 CMOS
 Light Source Illumination : 617nm LEDs
 DOF 5 mil (Code 39) : 65 - 115 mm
 13 mil (EAN13) : 40 - 250 mm
 Min. Resolution 4 mil (Code 39)
 Print Contrast 30% @ UPC/EAN 100%
 Input Voltage 5 VDC ± 5%
 Op. Current 230 mA @ 5V (Typical)
 Dimensions 24.3 H × 42.6 W × 63.3 D mm
 Weight 110 g



Z-5130

Middle-Range CCD Scan Module

Optics Linear CCD array, 32-bit MPU
 DOF 4 mil : 50 - 115 mm
 5 mil : 50 - 150 mm
 7.5 mil : 50 - 210 mm
 10 mil : 50 - 250 mm
 13 mil : 50 - 320 mm
 20 mil : 50 - 380 mm
 Scan Rate 330 scans per second
 Bar Width Min. 4 mil (Code 39, PCS=90%)
 Input Voltage 5 VDC ± 10%
 Op. Current 100 mA @ 5V (Typical)
 Light Level 0 - 100,000 Lux
 Dimension 15.8 H × 39.0 W × 26.6 D mm
 Weight 15 g (cable excluded)



Z-5160

Middle-Range CCD Scan Module

Optics Linear CCD array, 32-bit MPU
 DOF 4 mil : 20 - 80 mm
 5 mil : 15 - 115 mm
 7.5 mil : 10 - 160 mm
 10 mil : 10 - 220 mm
 13 mil : 5 - 280 mm
 20 mil : 20 - 360 mm
 Scan Rate 330 scans per second
 Bar Width Min. 0.1 mm (0.07 mm actually);
 (Code 39, PCS = 90%)
 Input Voltage 5 VDC ± 10%
 Op. Current 100 mA @ 5V (Typical)
 Dimension 30.3 H × 65.0 W × 80.0 D mm
 Weight 121.5 g (device only)



A-50M Plus

Omnidirectional Laser Scan Module

Optics 650 nm VLD
 DOF 5 mil : 30 - 80 mm
 7.5 mil : 0 - 150 mm
 10 mil : 0 - 160 mm
 13 mil : 0 - 200 mm
 20 mil : 0 - 260 mm
 Scan Rate 1,400 scans per second
 Scan Pattern 20 lines & 5 directions
 Input Voltage 5 VDC ± 10%
 Op. Current 200 mA @ 5V (Typical)
 Light Level Max. 4,500 Lux (fluorescence)
 Dimension 72.0 H × 64.0 W × 68.0 D mm
 Weight 140 g (device only)





ZAC ZEBEX Application Creator

• Easy to use wizard style options and user friendly interface : ZEBEX Application Creator offers no complex menus or functions. It utilizes simple steps in program allowing you to quickly and easily develop applications that will fit your exact needs. ZEBEX Application Creator is made for novices as well as professionals with intuitive interfaces and features.

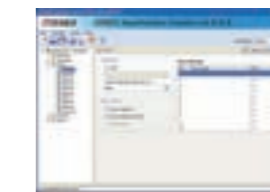
• Multiple language options available.



Create / build / manage applications using Eclipse



Application Simulator



Menu for Navigation



Simplified multiple tools



Fresh and Easy UI



Great Flexibility

GNU GNU Operating System

The ZEBEX GNU SDK is a powerful open source, customizable tool kit in C language specially designed for your data collector.

• More Access: The ZEBEX GNU SDK gives software developers access to native functions that the data collector support, such as barcode, communication, timer, keypad, and more.

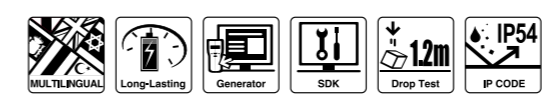
• Better Collaboration: Achieve better efficiencies and results with collaborative source control, precise application planning, and effortless project management.



Z-9000

Advanced Portable Data Collector

CPU	32-bit RISC ARM Cortex-M4 100MHz MPU
Memory	8MB flash ROM & 4MB RAM (8MB optional)
Display	Mono FSTN, 128x128 graphic LCD with white back light
Indicator	Green & red LED
Interface	USB 2.0 full-speed device compliant
Scanner	ID CCD
Main Battery	1,150 mAh, 3.7V Li-ion rechargeable
Dimension	132.0 H x 59.0 W x 29.0 D mm
Weight	157 g (battery included)
Generator	ZAC



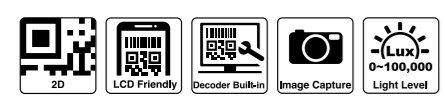
*Basic programming development.



NEW Z-5212 Plus

2D Image Scan Engine

Image Sensor	1280 x 800 CMOS
Light Source	617 nm LED
DOF	4 mil (Code39) : 50 - 130 mm 7 mil (QR Code) : 50 - 125 mm 13 mil (EAN 13) : 55 - 300 mm
Min. Resolution	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Light Level	Max. 100,000 Lux
Op. Current	100 mA 3.3V typical
Dimensions	28.5 x 20.5 x 12 mm (device only)
Weight	6.3 g



Z-5111

Advanced Miniature CCD Scan Engine

Optics	Linear CCD array, 32-bit MPU
DOF	4 mil : 60 - 120 mm 5 mil : 55 - 160 mm 7.5 mil : 50 - 210 mm 10 mil : 40 - 280 mm 13 mil : 50 - 330 mm 20 mil : 50 - 420 mm
Scan Rate	330 scans per second
Bar Width	Min. 0.1 mm (0.07 mm actually)
Input Voltage	3.3 VDC ± 10%
Op. Current	105 mA @ 3.3V (Typical)
Light Level	0 - 100,000 Lux (any lighting condition)
Dimension	11.8 H x 20.5 W x 22.8 D mm
Weight	12 g



Z-5112 GT

2D Image Scan Engine

Image Sensor	1280 x 800 CMOS
DOF	5 mil (Code 39) : 60 - 160 mm 13 mil (EAN13) : 40 - 280 mm
Bar width	4 mil (Code 39)
Input Voltage	3.3 VDC / 5 VDC (with I/O board)
Op. Current	180 mA @ 3.3V (Typical)
Dimensions	13.3 H x 30 W x 27 D mm (with I/O board)
Weight	8.5 g (with I/O board)



