CASTOR+ & POLLUX+   **MICA & SPICA**

Special Features CASTOR+:

- Flat and rugged (height 75 mm)
- Dense 5 - field, 15 lines scan pattern and scan rate of 1500 scans / second
- Directional bar code reading
- No need to lift and tilt a product due to the real vertical scan lines
- EAS compatible

Special Features POLLUX+:

- Directional bar code reading
- Unique four – directional sealed optical assembly, allowing it to be turned inside the fixed scanner housing
- Ergonomic and user – friendly implementation
- Large EAS deactivation field

CASTOR+ & POLLUX+

The flattest horizontal scan solution

MICA & SPICA

Special Features MICA:

- Omni-directional laser barcode scan engine
- Optimized design for built-in and OEM applications
- Reading all common 1D barcodes, incl. GS1 DataBar, regardless of its orientation
- Scantech ID STAR reconstruction software for reading of fragmented and damaged barcodes
- Fast scanrate 2.000 scans / second

Special Features SPICA:

- Compact and slim size
- Easy Installation and Integration
- Easy Software and Firmware upgrade
- Omnidirectional dense scanning pattern
- Ideal OEM scanning solution

PARTNER
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SCANTECH ID

CASTOR+ C-5010

CASTOR+ is a high-performance horizontal food retail bar code scanner. Its stainless top deck and metal housing ensure a long lifetime. The Scantech ID STAR code reconstruction software allows easy reading of truncated, damaged and substandard bar codes.

The CASTOR+ is protected against harmful interference from the moving belt's motor and against electrical static discharge from the operator. With Castor+ the checkout can efficiency increases.

POLLUX+ P-4010

The POLLUX+ P-4010 is an innovative retail scanner, optimised for vertical installations. It has one of the largest deactivation field of all vertical scanners in the market and is one of the flattest.

With POLLUX+ the checkout will be easier and can help to improve service and business.

MICA

The Scantech ID MICA M-9030 is a very compact and high performance omni-directional laser barcode scan engine ideal for built-in and Original Equipment Manufacturer (OEM) applications.
The optimized compact design makes it very easy to integrate the MICA M-9030 in many built-in and OEM applications like kiosks, ATM's, return vending machines, price verifiers and access control terminals.
The MICA M-9030 has a multi interface, user upgradeable software and auto-sense which saves costs and improves life time.

SPICA

The Scantech SPICA scan engine is designed for build-in applications. The scanner casing is especially designed for installation in kiosks, ATM's, return vending machines, price verifiers and similar applications.

Rectangular sides and metal screw inserts improve installation possibilities.

	CASTOR+ C-5010
Physical Characteristics	75 (D) x 205 (W) x 240 (L) mm, 2.5 kg
Power Supply Voltage	100-240 V ac, 50/60 Hz
DC input to scanner (aux. port not in use)	+12 V dc (510 mA), – 12 V dc (25 mA), +5 V dc (300 mA)
Interfaces	USB, Powered USB, KBW, RS232
Light source	650 nm visible laser diode
Depth of field	300 mm
Scan pattern	5 direction scan field, 15 lines scan pattern
Scan rate	1500 scans/second
Barcode types	GS1 DataBar,EAN/UPC/JAN including Add – On, Code 128, EAN 128, Code 39, Code 32, Codabar, Interleaved 2/5
Compatibility	EAS compatible
Environmental	Operating Temperatur: 0°C - 40°C Humidity: Relative humidity to 95% (non-condensing)
Laser Safety	IEC 825 – 1 (1993) Class I, U.S. 21CFR1040 Class IIa
Electrical Safety	EN 60950 (second edition), UL1950 (third edition)
Options	DLC Glas, Horizontal Mount

	POLLUX+ P-4010
Physical Characteristics	70 (D) x 210 (W) x 183 (L) mm, 1.2 kg
Power Supply Voltage	100-240 V ac, 50/60 Hz
DC input to scanner (aux. port not in use)	+12 V dc (600 mA), – 12 V dc (25 mA), +5 V dc (300 mA)
Interfaces	USB, Powered USB, KBW, RS232
Light source	650 nm visible laser diode
Depth of field	300 mm
Scan pattern	5 direction scan field, 20 lines scan pattern
Scan rate	2000 scans/second
Barcode types	GS1 DataBar,EAN/UPC/JAN including Add – On, Code 128, EAN 128, Code 39, Code 32, Codabar, Interleaved 2/5
Compatibility	EAS compatible
Environmental	Operating Temperatur: 0°C - 40°C Humidity: Relative humidity to 95% (non-condensing)
Laser Safety	IEC 825 – 1 (1993) Class I, U.S. 21CFR1040 Class IIa
Electrical Safety	EN 60950 (second edition), UL1950 (third edition)

	MICA M-9030
Physical Characteristics	46 (D) x 62 (W) x 67 (L) mm, 130 gr, black
DC input to scanner	+5 V dc (250 mA), +12 V dc (140 mA)
Power consumption	1.25 Watt @ +5 V DC / 1.68 Watt @ +12 V DC
Interfaces	RS232, KBW, USB, Powered USB
Light source	650 nm visible laser diode
Depth of field	Up to 300 mm @ UPC/EAN 100%, PCS 90%
Scan pattern	6 direction scan field, 24 lines scan pattern
Scan rate	2000 scans/second
Barcode types	EAN/UPC/JAN + Add-on, ISBN, Code 128, EAN 128, Code 93, Code 39, Code 32, Codabar, Interleaved 2 of 5, SI – Plessey, GS1 DataBar
Environmental	Operating Temperature: 0°C - 40°C Storage Temperature: -20°C - 60°C Humidity: Relative humidity 20%-95% (non-condensing)
Safety / EM	IEC 825 -1 (1993) Class I, U.S. 21, CFR1040 Class IIa; EN 60950 second edition UL1950, c - UL (according CSA22.2.950); 94V-0; EN 55022 Class B (1994), FCC part 15 Class B (1992); EN 50082 - 1 (1992); IEC 801 - 2 (1991)
Regularity of Compliance	CE, FCC, and RoHs
Options	High Stand & Small Stand

	SPICA
Interfaces	RS232, KBW, USB, Powered USB
Light source	650 nm visible laser diode
Depth of field	Approx. 200 mm / 8 inches (EAN/UPC 100%) Max range approx. 300mm/12" (EAN/UPC 200%)
Scan pattern	5 directions scan field, 20 lines scan pattern plus, Single Line
Scan rate	1350 scans/second
Barcode types	EAN/UPC/JAN + Add-on, Code 128, EAN 128, Code 39 (+ full ASCII), Code 93, MSI/Plessey, Code 32 (Ital. Pharmacode)

PARTNER SCANTECH ID
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SCANTECH ID

POLLUX+   MICA

CASTOR+   SPICA

SG-15+   ORION

SG-20   SIRIUS

VEGA AREA IMAGER

VEGA AREA IMAGER
The new style in handheld bar code scanning

ORION O-3050
& SIRIUS S-7030

SG-15 +
& SG-20

Special Features VEGA Serie:
- Reading distance up to 44 cm
- Scan speed of 200 scans / second linear mode
- 56 images / second in 2D mode
- Guarantees an outstanding scan performance
- Reads all common 1D and 2D barcodes regardless of orientation
- Wireless (Bluetooth) and all common interfaces

Special Features SIRIUS:
- Dense scan pattern in five directions
- Single Line operation
- Shock and vibration protected
- Robust housing with a comfortable soft grip
- Fixed positioned presentation scanner or hand held scanner
- One scanner model serves all applications

Special Features ORION:
- Databar decoding
- Easier scanning by ('turbo') boosted reading sensitivity
- Increase ergonomics by enlarged ('doubled') reading range (Depth of Field)
- Auto-wake-up from standby mode
- Flexible Foot design for easy installation, suitable for all check-outs
- Goldrush polygon for high performance, quick start and energy-savings
- Dense scan pattern
- Available in Black or Light Grey Colour

Special Features SG-15 +:
- Wireless: WiFi 802.11 b/g/n with WPA encryption (WPA - 1, WPA - 2 personal Enterprise) through mini
- Secured access to web interface by password
- Ethernet: 10/100 Base - T
- Audio: Play real audio samples (wav) through loud speaker
- Animation: Supports animations/pictures/logos on display
- Handheld scanner connection through AUX port (RS - 232)
- Remote Management

Special Features SG-20:
- Programmable buttons
- Compact and slim size
- Ethernet and Wi-Fi Ready
- 3 Color and Ergonomics
- Easy installation

VEGA

The VEGA handheld bar code scanner series, with an extensive range of models, represents the new style in handheld bar code scanning.
It is a modern and ergonomically designed scanner which offers an outstanding reading performance.
The VEGA scanners are available with a number of interfaces, which offers a wide range of possibilities and solution for every Point of Sale environment.

VEGA V-1010 Single Line Imager	
Physical Characteristics	186.8 (L) x 81.6 (W) x 63.9 (H) mm, approx. 250 gr. (incl. cable)
Reading Indicator	Beeper and LED
Interfaces	RS232, KBW, USB (HID and COM port emulation)
Sensor	Linear Imager
Light source	639 nm red LED
Depth of field	270 mm
Resolution	0.1 mm (4mil) @ PCS 0.9
Scan Rate	700 scans / second ± 10%
Barcode types	Codabar, Code 11, Code 39, Code 93, Code 128, EAN 8/EAN13, EAN 128, GS1 DataBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, ISBN, ISSN,MSI/PLESSY, China Postage, Telepen, UPC A/UPC E
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 60°C Relative Humidity: 20% to 95% (non-condensing) Withstands multiple drops of 1.0 m on concrete surface
Regularity of Compliance	CE, FCC, and RoHs
Options	Flexi Stand

VEGA V-1020 2D Imager	
Physical Characteristics	186.8 (L) x 81.6 (W) x 63.9 (H) mm, approx. 240 gr. (incl. cable)
Reading Indicator	Beeper and LED
Scan Rate in 1D mode	200 scans/second & move this spec to Scanner Characteristics
Scan Rate in 2D mode	56 images/second & move this spec to Scanner Characteristics
Interfaces	RS232, USB (HID and COM port emulation)
Sensor	Area Imager CMOS
Light source	650 nm red LED
Depth of field	440 mm
Resolution	0.125 mm (5mil) @ code 39
Barcode types	1D/ Linear codes: Codabar, Code 11, Code 39, Code 93, Code 128, EAN 8/EAN13, EAN 128/UCC, GS1 DataBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, ISBN, ISSN, MSI/PLESSY, Telepen, UPC A/UPC E 2D/Stacked Codes: Datamatrix, Aztec, PDF417, MicroPDF417, Postal Codes, Maxicode, QR, UCC/EAN Composite
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 60°C Relative Humidity: 20% to 85% (non-condensing) Withstands multiple drops of 1.0 m on concrete surface
Regularity of Compliance	CE, FCC, and RoHs
Options	Flexi Stand

VEGA V-1010 Bluetooth Single Line Imager	
Scanner Dimension:	186.8 (L) x 81.6 (W) x 63.9 (H) mm, approx. 195 gr (incl. cable)
Cradle Dimension:	123.9 (L) x 120 (W) x 71.4 (H) mm, approx. 145 gr (incl. cable)
Reading Indicator	Beeper and LED
Battery	Lithium-ion 3.7 V / 1400 mA
Scan times per Battery full charge	Reads per charge 30.000 reads
Interfaces	RS232, KBW, USB (HID and COM port emulation)
Sensor / Light Source	Linear CCD / 639 nm red LED
Depth of field	270 mm
Resolution	0.1 mm (4mil) @ PCS 0.9
Scan Rate	700 scans / second ± 10%
Bluetooth Module	Bluetooth V2.0 Standard
Bluetooth Distance Range	Class 1 up to 80 m line of sight in open space
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 60°C Relative Humidity: 20% to 95% (non-condensing) Withstands multiple drops of 1.0 m on concrete surface
Regularity of Compliance	CE, FCC, and RoHs
Options	Charging cradle, Flexi Stand

VEGA V-1020 Bluetooth 2D Imager	
Scanner Dimension:	186.8 (L) x 81.6 (W) x 63.9 (H) mm, approx. 195 gr (incl. cable)
Cradle Dimension:	123.9 (L) x 120 (W) x 71.4 (H) mm, approx. 145 gr (incl. cable)
Reading Indicator	Beeper and LED
Scan Rate in 1D mode	200 scans/second & move this spec to Scanner Characteristics
Scan Rate in 2D mode	56 images/second & move this spec to Scanner Characteristics
Battery	Lithium-ion 3.7 V / 1400 mA
Scan times per Battery full charge	Reads per charge 10.000 reads
Interfaces	RS232, USB (HID KBW), KBW
Sensor	Area Imager CMOS
Light source	650 nm red LED
Depth of field	440 mm
Resolution	0.125 mm (5mil) @ code 39
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 60°C Relative Humidity: 20% to 85% (non-condensing) Drop Resistance: Withstands multiple drops of 1.0 m on concrete surface
Bluetooth Module	Bluetooth V2.0 Standard
Bluetooth Distance Range	Class 1 up to 100 m / 330 ft (open air)
Regularity of Compliance	CE, FCC, and RoHs
Options	Charging cradle, Flexi Stand

ORION O-3050 Bar Code Scanner

The ORION is a new presentation laser scanner which allows hands free bar code scanning and reads all popular bar code symbologies. Bar code labels are read by presenting the labels towards the scanner. Scanning labels with the ORION hardly requires any arm movement and only little free space on the counter top is necessary. The ORION can either be fixed on a counter surface or on a flexible stand, so its optimal for every application and environment.

The ORION has a programmable sleep mode. If the scanner is not used within a period of time, the scanner switches off automatically. The scanner can be re-activated by pressing the switch on top of the scanner.

ORION O-3050 Bar Code Scanner	
Physical Characteristics	61 (D) x 135 (W) x 146 (H) mm 135 (D) x 135 (W) x 215 (H) mm (with stand)
Weight	500 g with stand: 675 g
Power supply voltage	100 - 240 V ac 50 / 60 Hz (adapter)
DC input to scanner	12 VDC, 165 mA nominal, 95 mA standby
Interfaces	RS232, KBW, USB, Powered USB
Light source	650 nm visible laser diode
Depth of field	300 mm
Scan pattern	7 direction scan field, 24 lines scan pattern
Scan rate	2480 scans / sec
Barcode types	EAN/UPC/JAN + Add-on, Code 32 (Ital. Pharmacode) Code 128, EAN 128, Code 39 (+ full ASCII), Code 93, Codabar, Interleaved 2/5 and GS1 DataBar
Compatibility	Radio and TV interference: EN 55022 Class B (1998) + A1 (2000), FCC part 15 Class A (1992) Harmonic current emissions: EN 61000-3-2 (1995) + A1 (1998) + A2 (1998) EM-immunity: EMC Directive 89/336/EEC, EN 55024 (1998) + A1 (2001)
Environmental	Operating Temperature: 0°C - 40°C Relative Humidity: 20% - 95% RH (non-condensing) Withstands multiple drops of 1.0 m on concrete surface
Safety	IEC 825-1 (1993) Class I, U.S. CDRH: 21CFR1040, Class II a, EN 60950 second edition UL1950, c-UL (according CSA22.2.950), Flammability rate 94V-0
Colour Options	Black, Beige

SIRIUS S-7030

The Scantech SIRIUS S-7030 scanner combines the demand for table mounted and hand held scanning. The ergonomic design ensures effortless handling and the sympathetic good looks will automatically enhance any working environment. The SIRIUS S-7030 is the versatile solution for every point of sale environment and through the flexible stand the scanner can be used in all directions.

SIRIUS S-7030	
Physical Characteristics	85 (D) x 120 (W) x 165 (H) mm
Weight	Scanner: 225 g Stand: 110 g
Interfaces	RS232, KBW, USB, Powered USB
Light source	650 nm visible laser diode
Depth of field	200 mm / 8 inches
Scan pattern	5 direction scan field, 20 lines scan pattern
Scan rate	1350 scans / sec
Barcode types	RS2UPC/EAN/JAN including Add-On, Code 39, Code/EAN 128, Interleaved 2/5, Codabar, Code 39, MSI/Plessey, Code 93, Code 32 and GS1 DataBar
Compatibility	EAS compatible (standard)
Environmental	Operating Temperature: 0°C - 40°C Relative Humidity: 0% - 95% (non-condensing) Withstands multiple drops of 1.0 m on concrete surface
Safety	IEC 60825 - 1 (1993) + A1 (1997) + A2 (2001) Class I U.S. CDRH: 21CFR1040 Class IIa EN 60950 (second edition), UL 1950 c-UL (according CSA22.2950)
Regularity of Compliance	CE, FCC, and RoHs
Colour Options	Black, Red, Beige

SG-15 +

The Shuttle SG-15 + is an entry level, small and attractive price checker with latest technology.

Interfacing is either through Wireless RF or hard wired Ethernet. The bright display has, depending on the font set, 3 or 5 lines and can display up to 20 characters per line.

Size and Design (three colours) help to install the Shuttle in different environments. This flexibility of installation is enhanced by the optional Power-over-Ethernet.

SG-15 +	
Physical Characteristics	95 (D) x 135 (W) x 181 (L) mm
Display	High-bright blue - white, 128 x 64 pixels
Interfaces	Ethernet 10/100 Base - T interface, PoE IEEE 802.3af (optional), 802.11 b/g/n using an optional mini-PCI card, WAP encryption (WPA - 1, WAP - 2 personal & enterprise) (optional)
Light source	650 nm visible laser diode or red LED
Depth of field	200 mm (= maximum reading distance)
Scan rate + pattern	Omni - directional laser scanner: 1350 scans/sec. CCD scanner: 270 scans/sec.
Barcode types	EAN/UPC/JAN + Add-on, Code 128, EAN 128, Code 39 (+ full ASCII), Code 93, Code 32, Codabar, Interleaved 2/5, GS1 Databar, ISBN
External connection	AUX port (RS-232) for connection of a handheld scanner
Audio	Speaker
Environmental	Operating Temperatur: 0°C - 40°C Humidity: 20% - 95% (non-condensing)
Regularity of Compliance	CE, FCC, and RoHs
Colours	Black, Silver
Options	2D Scan engine, Exit Gate

SG-20

The SG-20 is a multifunctional customer information terminal and guarantees exact product information. It provides an excellent scanning performance in combination with a large and full graphical LCD display to ensure an easy communication.

The Discovery helps to sustain and increase the relation with the customer and enables the retailer to effectively provide additional information and services. The customer can retrieve specific information on actual pricing of products, total sum of purchases, bonus points status, discounts and special offers.

SG-20	
Physical Characteristics	298 (H) x 181 (W) x 100 (D) mm
Power Supply Voltage	100-240 V ac, 50/60 Hz
Display	Back Lit STN graphical 240x128 pixels
Interfaces	RS232, RS422, RS485 and optional Ethernet or WiFi
Light source	630 - 670 nm visible laser diode
Depth of field	250 mm (= maximum reading distance)
Scan pattern	Omnidirectional
Barcode types	EAN/UPC/JAN + Add-on, code 32 (Ital. Pharmacode) Code 128, EAN 128, Code 39 (+ full ASCII), Code 93, Codabar, Interleaved 2/5
Environmental	Operating Temperatur: 0°C - 40°C Humidity: 20% - 95% (non-condensing)
Regularity of Compliance	CE, FCC, and RoHs
Laser Safety	IEC 825-1 (1993) Class I, U.S. 21CFR1040 Class IIa
Colours	Black, Silver, Red
Options	Separator Box, Exit Gate