SCANNER COMPARISON GUIDE

Solutions for General Purpose, Healthcare and Industrial Use

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Note: In a continuing effort to improve our products, Honeywell reserves the right to change specifications and features without prior notice.

HANDHELD SCANNERS

GENERAL PURPOSE   ECONOMY 1D MODELS

Product Model	■ □ ECLIPSE™ 5145	■ □ VOYAGER™ 9520/VOYAGER CG 9540	■ □ VOYAGER 1200g/VOYAGER 1202g/VOYAGER 1202g-bf	■ □ VOYAGER 1250g
Scanning Technology	Linear Laser	Linear Laser	Linear Laser	Linear Laser
Decode Compatibility	1D, GS1 DataBar	1D, GS1 DataBar	1D, GS1 DataBar	1D, GS1 DataBar
Typical Read Range	0 mm–178 mm (0 in–7.0 in)	0 mm–254 mm (0 in–10 in)	0 mm–367 mm (0 in–14.4 in)	0 mm–446 mm (0 in–17.6 in)
Motion Tolerance/ Scanning Rate	72 scans/s	72 scans/s	100 scans/s	100 scans/s
Connectivity	Corded	Corded	**1200g:** Corded **1202g/1202g-bf:** Bluetooth® Wireless (10 m [32.8 ft])	Corded
Host Interface	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, RS-232, Keyboard Wedge, IBM 46xx (RS485)	USB, RS-232, Keyboard Wedge, IBM 46xx (RS485)
Software	MetroSet™ 2 Configuration Utility, Honeywell USB Serial Driver, MetroJPOS Driver, MetrOPOS Driver, MetroWEPOS Driver, Softwedge	MetroSet 2 Configuration Utility, Honeywell USB Serial Driver, MetroJPOS Driver, MetrOPOS Driver, MetroWEPOS Driver, Softwedge	EZConfig, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell OPOS Suite for Linux, Honeywell USB Serial Driver	EZConfig, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell JPOS Suite for Linux, Honeywell USB Serial Driver
Durability (Drop)	Multiple 1.5 m (5 ft)	Multiple 1.5 m (5 ft)	30 drops 1.5 m (5 ft)	30 drops 1.5 m (5 ft)
Durability (IP)	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants	IP42	IP40
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	**1200g/1202g-bf:** 0°C to 50°C (32°F to 122°F) **1202g:** 5°C to 40°C (41°F to 104°F)	0°C to 40°C (32°F to 104°F)
Warranty	3 years	5 years	**1200g:** 5 years **1202g/1202g-bf:** 3 years	5 years
Deployment Environments	Retail, Administrative	Retail	Retail, Manufacturing	Retail, Manufacturing
Features and Benefits	**CodeGate™:** Zero in on desired code and complete data transmission with the push of a single button – ideal for menu scanning applications **CodeSense:** Automatically wakes scanner from sleep mode when a barcode is detected Compact and light form factor	**Automatic Trigger:** Use scanner as either a handheld device or a fixed presentation scanner when mounted in the stand **Flash ROM:** Future-proof POS system with free firmware updates via MetroSet 2 software and standard PC **CodeGate:** Zero in on desired code and complete data transmission with the push of a single button – ideal for menu scanning applications (MS9540 only)	**1200g/1202g:** Outstanding scan performance on poor-quality and damaged barcodes maintains productivity by providing a worry-free linear scanning solution that minimizes the need for manual data entry **1200g/1202g:** Contemporary, ergonomic design **1202g-bf: Battery-free wireless technology:** Fully charges in less than 35 seconds with a wall power adapter, and provides short-term power for up to 100 wireless scans **1202g-bf: Enhanced ergonomics, reduced environmental impact:** The well-regarded Voyager design is further ergonomically enhanced by eliminating the battery, making the scanner lighter and more environmentally friendly	**Increases throughput:** Extended depth of field makes it easy to scan out-of-reach items; provides true object detection and automatic in-stand detection and configuration **Ease of use:** Simplify set up with quick and easy stand assembly; ergonomic design reduces user fatigue in scan-intensive applications

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GENERAL PURPOSE · **PREMIUM 1D MODELS** · **ECONOMY 1D/2D MODELS** · **PREMIUM 2D MODELS**

	PREMIUM 1D MODELS	**ECONOMY 1D/2D MODELS**	**PREMIUM 2D MODELS**
Product Model	■ □ HYPERION™ 1300g	■ □ VOYAGER 1400g/VOYAGER 1450g/VOYAGER 1452g	■ □ SG20T/SG20B
Scanning Technology	Linear Imager	Area-Imaging (upgradable)	**SG20x1D/SG20x2D:** Linear Imager **SG20xHP:** Area Imager
Decode Compatibility	1D, GS1 DataBar	**1400g1D:** 1D **1400gPDF:** 1D and PDF417 **1400g2D:** 1D, PDF417 and 2D	1D, PDF417, 2D
Typical Read Range	10 mm–660 mm (5 in–26 in)	**1400g:** 25 mm–355 mm (1.0 in–14 in) **1450g/1452g:** 32 mm–360 mm (1.2 in–14.2 in)	20 mm–950 mm (0.8 in–37.4 in)
Motion Tolerance/ Scanning Rate	270 scans/s	10 cm/s (4 in/s)	**SG20x1D:** Up to 200 scans/s **SG20x2D:** 1016 cm/s (400 in/s) **SG20xHP:** 1270 cm/s (500 in/s)
Connectivity	Corded	**1400g:** Corded **1450g/1452g:** Bluetooth Wireless (10 m [32.8 ft])	**SG20T:** Corded **SG20B:** Bluetooth Wireless (10 m [32.8 ft])
Host Interface	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, Keyboard Wedge, RS-232
Software	EZConfig, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell JPOS Suite for Linux, Honeywell USB Serial Driver	EZConfig, EZDL TotalFreedom™ Plug-In, EasyParse GS1, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell USB Driver	EasySet, SmartWedgeLite
Durability (Drop)	50 drops 1.5 m (5 ft)	30 drops 1.5 m (5 ft)	Multiple 1 m (3.4 ft)
Durability (IP)	IP41	**1400g/1452g:** IP42 **1450g:** IP40	IP30
Operating Temperature	0°C to 50°C (32°F to 122°F)	**1400g/1450g:** 0°C to 40°C (32°F to 104°F) **1452g Charging:** 5°C to 40°C (41°F to 104°F) **1452g Non-Charging:** 0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)
Warranty	5 years	**1400g/1450g:** 5 years **1452g:** 3 years	**SG20T:** 5 years **SG20B:** 3 years
Deployment Environments	Retail, Manufacturing, Transportation and Logistics	Retail	Retail
Features and Benefits	**Superior handheld scanning:** Increase throughput by offering intuitive and aggressive handheld scanning performance **Highly versatile:** Eliminates the need to purchase specialty scanners by providing the ability to read out to 457 mm (18 in) on 13 mil barcodes, as well as high-density barcode reading in a single device **Class-leading durability:** Increase uptime and reduce service costs with a reliable design that utilizes no moving parts and full impact-resistant bumpers	**1D models:** omnidirectional and mobile phone screen reading of 1D barcodes **Flexible licensing solution:** Enables additional functionality (2D), as needs evolve **Broadest shape range within its segment:** tethered and cordless, curved and gun-shaped **Wireless connectivity:** Bluetooth Class 2, v2.1 radio enables movement up to 10 m (33 ft) from base, reduces interference with other wireless systems (1452g only) **Batch mode:** up to 550 1D barcodes storage capacity, while out of Bluetooth range (1452g only)	Features one of the industry's fastest 2D imaging technologies for highly responsive, dependable scanning Unique, ergonomic styling maximizes comfort and saves countertop space Large LED indicator provides effective visual operational feedback

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	GENERAL PURPOSE PREMIUM 2D MODELS	**HEALTHCARE PREMIUM 2D MODELS**	
Product Model	■ ☐ XENON 1900g/XENON 1902g	☐ ENHANCED XENON 1900h/ENHANCED XENON 1902h	☐ SF61BHC
Scanning Technology	Area-Imaging	Area-Imaging	Area-Imaging
Decode Compatibility	1D, PDF417, 2D	1D, PDF, 2D	1D, PDF, 2D
Typical Read Range	**HD:** 0 mm–234 mm (0.0 in–9.2 in) **SR:** 10 mm–584 mm (0.4 in–23.0 in) **ER:** 18 mm–597 mm (0.7 in–23.5 in)	0 mm–213.4 mm (0 in–8.4 in)	40 mm–360 mm (1.6 in–14.2 in)
Motion Tolerance/ Scanning Rate	610 cm/s (240 in/s)	610 cm/s (240 in/s)	305 cm/s (120 in/s)
Connectivity	**1900g:** Corded **1902g:** Bluetooth Wireless (10 m [32.8 ft])	**1900h:** Corded **1902h:** Bluetooth Wireless (10 m [32.8 ft])	Bluetooth Wireless (100 m [328 ft])
Host Interface	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	**1900h:** USB, Keyboard Wedge, RS-232, IBM 46xx (RS485) **1902h:** Cordless	Bluetooth HID Bluetooth SPP
Software	EZConfig, EZDL TotalFreedom Plug-In, EasyParse GS1, EZBCBP, EasyParse IUID, TotalFreedom SDK, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell JPOS Suite for Linux, Honeywell USB Serial Driver	EZConfig, TotalFreedom Development Platform/TWAIN/SANE Driver	EasySet, SmartWedgeLite
Durability (Drop)	50 drops 1.8 m (6 ft)	50 drops 1.8 m (6 ft)	26 drops 2 m (6.5 ft)
Durability (IP)	IP41	IP41	IP64
Operating Temperature	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)	-20°C to 50°C (-4°F to 122°F)
Warranty	**1900g:** 5 years **1902g:** 3 years	**1900h:** 5 years **1902h:** 3 years	3 years
Deployment Environments	Retail, Manufacturing, Transportation and Logistics	Healthcare	Healthcare
Features and Benefits	Adaptus™ Imaging 6.0 along with Omniplanar's SwiftDecoder technology delivers the best user experience when reading real-world 1D, PDF and 2D barcodes **Built with durability in mind:** Solid-state construction will deliver years of uninterrupted performance **Wireless connectivity:** Bluetooth Class 2, v2.1 radio enables movement up to 10 m (33 ft) from base, reduces interference with other wireless systems and lowers total cost of ownership by allowing up to seven imagers to communicate to a single base (1902g only)	Unmatched barcode scanning performance with Adaptus imaging and Colofusion technology Can withstand up to 50 drops to concrete from distances as high as 1.8 m (6 ft) Disinfectant-ready housing withstands harsh cleaning agents commonly used in healthcare	**Pocketable form factor:** Compact enough to move with the clinician, the SF61B can be quickly stowed in a smock pocket when both hands are needed **Disinfectant-ready housing with IP64 seal rating:** Protects against the harmful effects of repeated chemical wipe-downs **White Illumination:** Powerful white illumination field can even double as a makeshift flashlight

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INDUSTRIAL   **ECONOMY 1D MODELS**

| Product Model	■ 3800i/3820i	■ GRANIT™ 1280i
Scanning Technology	Linear Imaging	Full-Range Laser
Aimer Technology		Laser
Aimer Pattern	——	——
Decode Compatibility	1D, GS1 DataBar	1D
Typical Read Range	165 mm–2083 mm (6.5 in–82 in)	89 mm–1650 mm (3.5 in–649.6 in)
Motion Tolerance/ Scanning Rate	5 cm/s (2 in/s)	N/A
Connectivity	**3800i:** Corded **3820i:** Bluetooth Wireless (10 m [32.8 ft])	Corded
Host Interface	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	RS-232
Software	EZConfig, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell USB Serial Driver	EZConfig, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite
Durability (Drop)	50 drops 2 m (6.5 ft)	50 drops 2 m (6.5 ft)
Durability (IP)	IP54	IP65
Operating Temperature	**3800i:** -30°C to 50°C (-22°F to 122°F) **3820i:** -10°C to 50°C (14°F to 122°F)	-30°C to 50°C (-22°F to 122°F)
Warranty	3 years	3 years
Deployment Environments	Manufacturing, Transportation and Logistics, Warehouse and Distribution	Manufacturing, Transportation and Logistics, Warehouse and Distribution, Outdoor Logistics
Features and Benefits	**Superior read range:** Imaging technology now extends the performance range out to 208 cm (82 in) on linear codes, eliminating the need to reach and climb to scan codes **Durable:** There are no moving parts to wear out and Honeywell backs this with an industry-leading three-year warranty, ensuring reliable performance year after year with no downtime **Easy to use:** True point-and-shoot handheld ergonomics easily fits oversized gloved hands, while intuitive aiming means operators will become productive quickly	**Full-range linear depth of field:** Scan out to 16.5 m (54 ft) on 100 mil retro-reflective labels, or as close as 8.9 cm (3.5 in) on 7.5 mil high-density barcodes and everything in between **Class-leading durability:** The custom-built IP65-rated housing is able to withstand 5,000 1 m (3.3 ft) tumbles and survive 50 drops from 2 m (6.5 ft) at -30°C (-22°F), reducing service costs and increasing device uptime **Industrial-grade cable option:** Tested to withstand 300,000 90° bends at -30°C (-22°F) and continues to communicate when 27.2 kg (60 lb) of force is applied

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INDUSTRIAL · **PREMIUM 2D MODELS**

Product Model	■ GRANIT 1910i/GRANIT 1911i	■ GRANIT 1980i/GRANIT 1981i	■ SR61T DPM/SR61B DPM
Scanning Technology	Area-Imaging	Full-Range Area-Imaging	Area-Imaging
Aimer Technology	Laser	Laser	Laser
Aimer Pattern			
Decode Compatibility	1D, PDF417, 2D	1D, PDF417, 2D	1D, PDF417, 2D
Typical Read Range	48 mm – 749 mm (1.9 in – 29.5 in)	100 mm – 1600 mm (3.9 in – 629.9 in)	55 mm – 360 mm (2.1 in – 14.1 in)
Motion Tolerance/ Scanning Rate	**1910i:** 610 cm/s (240 in/s) at 16.5 cm (6.5 in) **1911i:** 381 cm/s (150 in/s) at 25 cm (10.0 in)	76 cm/s (30 in/s)	1270 cm/s (500 in/s)
Connectivity	**1910i:** Corded **1911i:** Bluetooth Wireless (100 m [328 ft])	**1980i:** Corded **1981i:** Bluetooth Wireless (100 m [328 ft])	**SR61T DPM:** Corded **SR61B DPM:** Bluetooth Wireless (100 m [328 ft])
Host Interface	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, Keyboard Wedge (1981i only), RS-232	**SR61T DPM:** USB, Keyboard Wedge, RS-232 **SR61B DPM:** SPP, HID Keyboard
Software	EZConfig, TotalFreedom SDK, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell USB Serial Driver	EZConfig, TotalFreedom SDK, Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell USB Serial Driver	EasySet, SmartWedgeLite
Durability (Drop)	50 drops 2 m (6.5 ft)	50 drops 2 m (6.5 ft)	26 drops 1.98 m (6.5 ft)
Durability (IP)	IP65	IP65	IP54
Operating Temperature	**1910i:** -30°C to 50°C (-22°F to 122°F) **1911i:** -20°C to 50°C (-4°F to 122°F)	**1980i:** -30°C to 50°C (-22°F to 122°F) **1981i:** -20°C to 50°C (-4°F to 122°F)	-20°C to 50°C (-4°F to 122°F)
Warranty	3 years	3 years	3 years
Deployment Environments	Manufacturing, Transportation and Logistics, Warehouse and Distribution	Manufacturing, Transportation and Logistics, Warehouse and Distribution, Outdoor Logistics	Manufacturing
Features and Benefits	**Class-leading durability:** The custom-built IP65-rated housing is able to withstand 5,000 1 m (3.3 ft) tumbles and survive 50 drops from 2 m (6.5 ft) at -30°C (-22°F), reducing service costs and increasing device uptime **Optimized for scanning-intensive industrial applications:** Adaptus 6.0 Imaging Technology provides aggressive barcode reading and unrivaled accuracy while the scanner feedback is enhanced for use in extreme environments **Outstanding scan performance on poor-quality and damaged barcodes:** Maintains productivity by providing a worry-free scanning solution that minimizes manual entry	**Full-range area-imaging performance:** Scans low-density (100 mil) codes out to 16 m (52 ft) and high-density (2 mil) codes at close range – and everything in between **Built Granit-tough:** Tested to withstand the toughest environments, Granit is rated IP65 and can withstand 5,000 tumbles from 1 m (3.3 ft) and 50 drops to concrete from 2 m (6.5 ft) **Easy to use:** A laser-spot aimer, omnidirectional scanning and features such as centering take the guesswork out of scanning at extended ranges	**Fast:** Cutting-edge imager scans 1D and 2D barcodes with unmatched motion tolerance and fast time-to-read, while also supporting image and real-time video capture **Optimized:** Customized imaging engine scans dot-peened, chemical- or laser-etched direct part marks on a variety of substrates – and can even read small, reflective and low-contrast marks **Rugged:** Designed to withstand drops from 2 m (6.5 ft), hot and cold temperature extremes, constant forklift vibration and windblown dust and rain

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	GENERAL PURPOSE ECONOMY 1D/2D MODELS	INDUSTRIAL PREMIUM 1D/2D MODELS	INDUSTRIAL WEARABLE, PREMIUM 1D/2D MODELS
Product Model	■ VOYAGER 1602G	■ SF61B	■ 8600
Scanning Technology	Area-Imaging	**SF61B1D/SF61B2D:** Linear Imager **SF61BHP:** Area Imager	**8650:** Laser **8670:** Area Imager
Decode Compatibility	**1602g1D:** 1D **1602g2D:** 1D, PDF417, 2D	1D, PDF417, 2D	**8650:** 1D **8670:** 1D, PDF417, 2D
Typical Read Range	31 mm – 483 mm (1.2 in – 19 in)	40 mm – 710 mm (1.6 in – 27.9 in)	**8650:** 25 mm – 1143 mm (1 in – 45 in) **8670:** 36 mm – 409 mm (1.4 in – 16.1 in)
Motion Tolerance/ Scanning Rate	10 cm/s (4 in/s)	**SF61B1D:** up to 200 scans/s **SF61B2D:** 1016 cm/s (400 in/s) **SF61BHP:** 1270 cm/s (500 in/s)	**8650:** 104 scans/s **8670:** up to 584 cm/s
Connectivity	Bluetooth Wireless (10 m [32.8 ft])	Bluetooth Wireless (100 m [328 ft])	Bluetooth Wireless (10 m [32.8 ft])
Host Interface	Bluetooth HID, Bluetooth SPP	Bluetooth HID, Bluetooth SPP	Bluetooth HID, Bluetooth SPP
Software	EZConfig, MFi SDK, TotalFreedom SDK **with AP06-100BT-07N:** Honeywell JavaPOS Suite, Honeywell OPOS Suite, Honeywell POS4Net Suite, Honeywell JPOS Suite for Linux, Honeywell USB Serial Driver **Optional:** EZDL TotalFreedom Plug-In, EasyParse GS1	EasySet, SmartWedgeLite	Scan Wedge
Durability (Drop)	30 drops 1.4 m (4 ft)	26 drops 2 m (6.5 ft)	**8650:** Multiple 1.22 m (4 ft) **8670:** 30 drops 1.5 m (5 ft)
Durability (IP)	IP42	IP65	IP54
Operating Temperature	0°C to 50°C (32°F to 122°F)	-20°C to 50°C (-4°F to 122°F)	-20°C to 50°C (-4°F to 122°F)
Warranty	3 years	3 years	**8650:** 1 year **8670:** 3 years
Deployment Environments	Retail, Light Field Service	Manufacturing, Transportation and Logistics, Field Service, Warehouse	Transportation and Logistics, Warehouse and Distribution, Retail
Features and Benefits	Aggressive reading of data matrix barcodes Seamless pairing with mobile devices (MFI-certified for Apple® iOS) **Flexible licensing solution:** Enables additional functionality, such as 2D scanning, as needs evolve **Batch mode:** Automatic, inventory, persistent mode **Ergonomically designed:** Contoured and elegant design, over-sized scan button and light weight make scanning pleasurable	Bluetooth wireless easily pairs with Apple iOS, Android™ and Windows® Mobile devices Tested to withstand 26 drops to concrete from 2 m (6.5 ft) and rated IP65 for protection from liquid and dust Capable of over 25,000 scans on a single battery charge	**Low-profile, hands-free:** Reduces interference and improves worker transaction time while reducing accidental drops, lowering the total cost of ownership **Flexible design:** Strap-and-connector design allows worker to wear the scanner on the back of the hand or on the arm, left or right, increasing worker satisfaction and comfort **Built-tough ring:** Magnesium alloy top enclosures and a smooth, low-profile magnesium trigger offer greater durability and ease of use, leading to increased productivity, a lower cost of ownership and reduced downtime

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GENERAL PURPOSE	ECONOMY 1D MODELS			PREMIUM 2D MODELS		PREMIUM 1D/2D MODELS
Product Model	■ QUANTUMT™ 3580	■ □ ORBIT™ 7120/ORBIT CG 7180	□ SOLARIS™ 7820	□ VUQUEST™ 3320g	■ GENESIS™ 7580g	■ SOLARIS™ 7980g
Scanning Technology	Omnidirectional Laser	Omnidirectional Laser	Omnidirectional Laser	Area-Imaging	Area-Imaging	Area-Imaging
Decode Compatibility	1D, GS1 DataBar	1D, GS1 DataBar	1D, GS1 DataBar	1D, PDF417, 2D	1D, PDF417, 2D	1D, PDF417, 2D
Typical Read Range	19 mm – 298 mm (0.8 in – 11.8 in)	**7120:** 0 mm – 215 mm (0 in – 8.5 in) **7180:** 0 mm – 275 mm (0 in – 10.8 in)	0 mm – 255 mm (0 in – 10.0 in)	39 mm – 435 mm (1.5 in – 17.1 in)	0 mm – 300 mm (0 in – 11.8 in)	0 mm – 190 mm (0 in – 7.5 in)
Motion Tolerance/ Scanning Rate	1650 scans/s	1120 scans/s	1800 scans/s	270 cm/s (106 in/s)	200 cm/s (78 in/s)	300 cm/s (118 in/s)
Connectivity	Corded	Corded	Corded	Corded	Corded	Corded
Host Interface	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485), Light Pen Wand Emulation	USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)	USB, RS-232, Keyboard Wedge	USB, RS-232, Keyboard Wedge, IBM 46xx (RS485)	USB, RS-232, Keyboard Wedge, IBM 46xx (RS485)
Software	MetroSet 2, MetroJPOS Driver, MetrOPOS Driver, MetroWEPOS Driver, Softwedge	MetroSet 2, MetroJPOS Driver, MetrOPOS Driver, Honeywell POS4NET Suite, Honeywell USB Serial Driver, Softwedge	MetroSet 2, MetroJPOS Driver, MetrOPOS Driver, Honeywell POS4NET Suite, Honeywell USB Serial Driver, Softwedge	EZConfig, TotalFreedom SDK, Honeywell POS Driver, Honeywell OPOS Driver, Honeywell POS4Net Suite, Honeywell USB Serial Driver, Softwedge, TWAIN Driver, SANE Driver	EZConfig, TotalFreedom SDK, MetroJPOS Driver, MetroOPOS Driver, Honeywell POS4Net Suite, Honeywell USB Serial Driver, Softwedge, TWAIN Driver, SANE Driver	EZConfig, TotalFreedom SDK, MetroJPOS Driver, MetroOPOS Driver, Honeywell POS4Net Suite, Honeywell USB Serial Driver, Softwedge, TWAIN Driver, SANE Driver
Durability (Drop)	Multiple 1.5 m (5 ft)	Multiple 1.2 m (4 ft)	N/A	Multiple 1.5 m (5 ft)	Multiple 1.5 m (5 ft)	Multiple 1.5 m (5 ft)
Durability (IP)	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants	IP53	Sealed to resist airborne particulate contaminants	IP5X
Operating Temperature	-20°C to 40°C (-4°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Warranty	3 years	3 years	2 years	2 years	2 years	3 years
Deployment Environments	Retail	Retail	Retail	Retail, Manufacturing	Retail	Retail
Features and Benefits	**Omnidirectional/Single-Line Mode:** Alternate between 20 scan lines for omnidirectional scanning and a single scan line for menu scanning **Sleep Mode with IR Wake-Up:** Multiple sleep modes reduce power consumption, extending life and lowering cost of operation **Small footprint:** Keeps valuable counter space clear	Aggressive omnidirectional scanning and an affordable solution Compact, lightweight solution for applications where counter space is at a premium Tiltable 30° range of scanning head to accommodate objects of various sizes and shapes	Aggressively scans high-density codes and fits easily into any existing enclosure found in small-item, high-volume retail environments Increase system output and lower the total cost of ownership **Field-replaceable window:** Minimizes downtime with quick and easy in-lane replacement of protective window	Highly compact, lightweight design with aggressive scanning performance on highly reflective surfaces or normal printing paper The ability to control the triggering of an external device Offers expanded decoding and data formatting functionality without host system modification	Aggressive reading of barcodes on highly reflective surfaces or normal printing paper Offers both presentation and trigger modes to accommodate different applications Offers expanded decoding and data formatting functionality without host system modification	Available with powerful 2D imaging capable of reading 2D coupons off smartphone screens and printed ID cards Soft white LED illumination eliminates glare without compromising performance Purchase the 7980 as a linear scanner and update it to a full area-imaging 2D scanner in the future, as your data capture needs evolve

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FIXED AND BIOPTIC SCANNERS

GENERAL PURPOSE	FIXED, VALUE 1D MODELS	BIOPTIC, ECONOMY 1D MODELS	BIOPTIC, PREMIUM 1D MODELS
Product Model	HORIZON™ 7600	STRATOS™ 2400	STRATOS 2700
Scanning Technology	Omnidirectional Laser	Bi-optics	Bi-optics
Decode Compatibility	1D, GS1 DataBar	1D, GS1 DataBar	1D, PDF, 2D
Typical Read Range	0 mm–229 mm (0 in–9.0 in)	**Vertical:** 0 mm–200 mm (0 in–7.8 in) **Horizontal:** 0 mm–100 mm (0 in–3.94 in)	**Vertical:** 0 mm–228 mm (0 in–9 in) **Horizontal:** 0 mm–180 mm (0 in–7 in)
Motion Tolerance/ Scanning Rate	2000 scans/s	5400 scans/s	21500 scans/s
Connectivity	Corded	Corded	Corded
Host Interface	USB, RS-232, IBM46xx (RS485)	USB, RS-232, IBM46xx (RS485)	**Scanner:** USB, RS-232, IBM46xx (RS485) **Scale:** USB and RS-232
Software	MetroSet 2 Configuration Utility, MetroJPOS Driver, MetrOPOS Driver, MetroWEPOS Driver, Softwedge	MetroSet 2 Configuration Utility, MetroJPOS Driver, MetrOPOS Driver, MetroWEPOS Driver, Softwedge, Mettler Diva Scale OPOS Driver	EZConfig, Honeywell JPOS Suite, Honeywell OPOS Suite, Honeywell POS4NET Suite, Honeywell JavaPOS Suite
Durability (Drop)	N/A	N/A	N/A
Durability (IP)	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants	IP42
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	10°C to 40°C (50°F to 104°F)
Warranty	3 years	2 years	2 years
Deployment Environments	Retail	Retail	Retail
Features and Benefits	**Durable die-cast construction:** Withstands abuse in the harshest environments **Flash ROM:** Protects POS investment with free firmware updates via MetroSet 2 software and standard PC **Built-in RF EAS antenna:** Increases efficiency by simultaneously deactivating RF EAS tags and decoding barcodes	**5-sided, 360°-scanning:** Improves productivity and operator ergonomics by reducing product orientation **StratosSYNC™ Independent Scanning Planes:** Maintains productivity and uptime via independent scanning planes **StratosSCHOOL Operator Training Software:** Improves productivity and promotes safer scanning techniques	**Hybrid scanning platform:** Engineered to meet current and emerging retail trends, this hybrid solution seamlessly integrates both laser and imaging technologies for high-performance scanning **LCD display:** Live video feed enables cashiers to monitor items under the cart in an effort to reduce losses due to shrinkage, which have been estimated to be greater than $2500 per lane per year **Field-upgradable hardware modules:** Expands device functionality via simple field upgrades that can be completed in less than 15 minutes

Note: In a continuing effort to improve our products, Honeywell reserves the right to change specifications and features without prior notice.

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