SCANNERS

ULTRA-RELIABLE INDUSTRIAL AND
WEARABLE SCANNERS

Even in challenging working environments, you can trust our handheld, industrial-grade barcode scanners to provide superior durability and reliability. Perfect for fast-paced, high-volume barcode scanning, Honeywell's range of industrial scanners are encased in waterproof and dustproof housings and rubberized to reduce damage from falls or tumbles, providing a long life cycle and low cost of ownership.

Product Line		SCANNER – 1D CORDED						
Product Family		Voyager 1400g	Hyperion 1300g	HH360	Voyager 1250g	Voyager 1200g	Voyager 9540	MS 5145 Eclipse
Deployment Environment	General Purpose	●●	●●	●●	●●	●●	●●	●●
	Retail	●●	●●	●●	●●	●●	●●	●●
	Transport & Logistics	●	●	●	●	●	●	●
	Distribution Centre	●	●	●	●	●	●	●
	Warehouse	●	●	●	●	●	●	●
	Manufacturing							
	Industrial							
	Banking	●●	●●	●●	●●	●●	●●	●●
	Healthcare							
Scanning Technology	Laser				✓	✓	✓	✓
	Linear Imager		✓	✓				
	Area Imager	✓						
Durability	Durable	✓	✓	✓	✓	✓	✓	✓
	Rugged							
	Ultra Rugged							
	IP Rating	IP42	IP41	IP40	IP40	IP42	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants
Performance	Scan Pattern	Area Image 640 x 480	Linear Image (CCD: 3648 pixels)	Linear Image	Single scan line	Single scan line	Single scan line	Single scan line
	Aimer	LED, rectangle, red	LED, line, red	LED, line, red	Laser, line, red	Laser, line, red	Laser, line, red	Laser, line, red
	Decode Capbility	Reads standard 1D, PDF, 2D, and DotCode symbologies	1D, GS1 DataBar	1D, GS1 DataBar	1D, GS1 DataBar	1D, GS1 DataBar	1D,GS1 DataBar	1D, GS1 DataBar
	Typical Read Range	25 mm – 355 mm (1.0 in – 14 in)	50 mm – 660 mm (2in – 26 in)	20mm-500mm (1in - 19.7in)	0 mm – 446 mm (0 in – 17.6 in)	0 mm – 367 mm (0 in – 14.4 in)	0 mm – 254 mm (0 in – 10 in)	0 mm – 178 mm (0 in – 7.0 in)
	Scan Rate	Up to 10 cm/s (4 in/s) for 13 mil UPC at optimal focus	270 scan lines per second	300 scan lines per second	100 scan lines per second	100 scan lines per second	72 scan lines per second	72 scan lines per second
	Manufacturer Warranty	5 years	5 years	2 years	5 years	5 years	5 years	3 years

● *Recommended*   ●● *Highly Recommended*   ✓ *Applicable*

Product Family	Xenon 1950h	Xenon 1950g	Voyager 1470g	HH660	HH490	Granit 1990i XR
Deployment Environment						
General Purpose	●●	●●	●●	●●	●●	
Retail	●●	●●	●●	●●	●●	
Transport & Logistics		●	●	●	●	●●
Distribution Centre		●	●	●	●	●●
Warehouse		●	●	●	●	●●
Manufacturing		●●				●●
Industrial						●●
Banking		●●	●●	●●	●●	
Healthcare	●●					
Scanning Technology						
Laser						
Linear Imager						
Area Imager	✓	✓	✓	✓	✓	✓
Durability						
Durable	✓	✓	✓	✓	✓	
Rugged						
Ultra Rugged						✓
IP Rating	IP52	IP52	IP52	IP42	IP40	IP67 and IP65
Performance						
Scan Pattern	Area Imager 1280 x 800	Area Image 1280 x 800	Area Image 1040 x 720	Area Image 1280 x 800	Area Image 1280 x 800	Area Image 1280 x 800
Aimer	LED, line, green	LED, line, red	LED, dot, red	Laser, line, green	LED, rectangle, red	Pending on the SKU
Decode Capbility	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies	Reads standard 1D, PDF, 2D, and DotCode symbologies	Reads standard 1D, PDF, 2D, and DotCode symbologies	Reads standard 1D, PDF, 2D, and DotCode symbologies	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies
Typical Read Range	SR:0 mm – 490 mm (0 in – 19.3 in) HD:0 mm – 368 mm (0 in – 14.5 in)	SR:0 mm – 490 mm (0 in – 19.3 in) HD:0 mm – 368 mm (0 in – 14.5 in)	18 mm – 400 mm (0.7 in – 15.8 in)	15mm-320mm	20mm - 430mm	20mm-10m
Scan Rate	Up to 400 cm/s (157 in/s) for 13 mil UPC at optimal focus	Up to 400 cm/s (157 in/s) for 13 mil UPC at optimal focus	70 cm/s (27.6 in/s) for 13 mil UPC at optimal focus	Up to 13cm/s (5 in/s) on 13mil UPC-A Symbol	Up to 75cm/s (29.5 in/s) for 13 mil UPC at optimal focus	Up to 450cm/s (177 in/s)
Manufacturer Warranty	5 years	5 years	5 years	3 years	3 years	3 years

● Recommended ●● Highly Recommended ✓ Applicable

Product Line		SCANNER – WIRELESS					
Product Family		Xenon 1952g-BF	Xenon 1952g	Voyager 1602g (POCKETABLE SCANNER)	Voyager 1472g	Voyager 1202g-BF	Voyager 1202g
Deployment Environment	General Purpose	●●	●●	●●	●●	●●	●●
	Retail	●●	●●	●●	●●	●●	●●
	Transport & Logistics	●●	●●	●●	●	●	●
	Distribution Centre	●●	●●	●	●	●	●
	Warehouse	●●	●●	●	●	●	●
	Manufacturing						
	Industrial						
	Banking	●●	●●	●●	●●	●●	●●
	Healthcare						
Scanning Technology	Laser					✓	✓
	Linear Imager						
	Area Imager	✓	✓	✓	✓		
Durability	Durable	✓	✓	✓	✓	✓	✓
	Rugged						
	Ultra Rugged						
	IP Rating	Scanner IP52 Base IP41	Scanner IP52 Base IP41	IP42	IP52	Scanner IP42 Base IP42	Scanner IP42 Base IP42
Performance	Scan Pattern	Area Image 1280 x 800	Area Image 1280 x 800	Area Image 640 x 480	Area Image 1040 x 720	Single scan line	Single scan line
	Aimer	LED, line, red	LED, line, red	LED, rectangle, red	LED, dot, red	Laser, line, red	Laser, line, red
	Decode Capbility	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies	1602g1D: 1D 1602g2D: 1D, PDF417, 2D	Reads standard 1D, PDF, 2D, and DotCode symbologies	1D, GS1 DataBar	1D, GS1 DataBar
	Typical Read Range	SR:0 mm – 490 mm (0 in – 19.3 in) HD:0 mm – 368mm (0 in – 14.5 in)	SR:0 mm – 490 mm (0 in – 19.3 in) HD:0 mm – 368mm (0 in – 14.5 in)	31 mm – 483 mm (1.2 in – 19 ft)	18 mm – 400 mm (0.7 in – 15.8 in)	0 mm – 367 mm (0 in – 14.4 in)	0 mm – 367 mm (0 in – 14.4 in)
	Scan Rate	Up to 400 cm/s (157 in/s) for 13 mil UPC at optimal focus	Up to 400 cm/s (157 in/s) for 13 mil UPC at optimal focus	Up to 10 cm/s (4 in/s) for 13 mil UPC at optimal focus	70 cm/s (27.6 in/s) for 13 mil UPC at optimal focus		
	Number of Scans	Fully Charged: Typically more than 450 scans	Up to 50,000 scans per charge	Up to 2,250 scans per full charge	Up to 50,000 scans per charge	At least 100 scans, with one scan every second At least 35 scans, with one scan every 6 seconds	Up to 45,000 scan per charge
	Manufacturer Warranty	3 years	3 years	3 years	3 years	3 years	3 years
	Warranty (Battery Pack)	1 year	1 year	1 year	1 year	1 year	1 year

● Recommended   ●● Highly Recommended   ✓ Applicable

Product Line		**SCANNER – WIRELESS**				
					RING SCANNER	
Product Family		Granit 1991i SR/XR	Granit 1981i	Xenon 1952h	8680i Ring Scanner	8670i Ring Scanner
Deployment Environment	General Purpose			●●		
	Retail					
	Transport & Logistics	●●	●●		●●	●●
	Distribution Centre	●●	●●		●●	●●
	Warehouse	●●	●●	●	●●	●●
	Manufacturing	●●	●●		●●	●●
	Industrial	●●	●●		●	●
	Banking					
	Healthcare			●●		
Scanning Technology	Laser					
	Linear Imager					
	Area Imager	✓	✓	✓	✓	✓
Durability	Durable			✓	✓	✓
	Rugged		✓			
	Ultra Rugged	✓				
	IP Rating	IP67 and IP65	Scanner IP65 Base IP51	IP52	IP54	IP54
Performance	Scan Pattern	Area Image 1280 x 800	Area Image 1280 x 800	Area Image 1280 x 800	Omnidirectional Area Imager	Area Image 844 x 640
	Aimer	Pending on the SKU	Laser, point, red	LED, line, green (will be changed to green dot)	Laser	Red Laser
	Decode Capbility	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies	1D, PDF417, 2D	Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies	1D, PDF417, 2D	1D, PDF417, 2D
	Typical Read Range	20mm-10m (1in - 33ft)	100 mm – 1600 mm (3.9 in – 629.9 in)	SR:0 mm – 490 mm (0 in – 19.3 in) HD:0 mm – 368 mm (0 in – 14.5 in)	65 mm to 544 mm (2.6 in to 21.4 in)	18 mm – 328 mm (0.7 in – 12.9 in)
	Scan Rate	Up to 450cm/s (177 in/s)		Up to 400 cm/s (157 in/s) for 13 mil UPC at optimal focus	Up to 584 cm (230 in)/second	Up to 584 cm/s (230 in/s) in total darkness with 100% UPC at optimal focus
	Number of Scans	Up to 50,000 scans per charge	Up to 50,000 scans per charge	Up to 50,000 scans per charge	Slim Battery: 3,000 over 8 hours shift Extended Battery: 8,000 over 10 hour shift	At least 6,500 (1 scan every 4 seconds for 7 hours)
	Manufacturer Warranty	3 years	3 years	3 years	2 years	3 years
	Warranty (Battery Pack)	1 year	1 year	1 year	1 year	1 year

● Recommended   ●● Highly Recommended   ✓ Applicable

Product Line		HANDSFREE CORDED					
Product Family		Solaris 7980g	Genesis XP 7680	Vuquest 3320g	HF680	Orbit 7190	Orbit 7120

Deployment Environment	General Purpose						
	Retail	●●	●●	●●	●●	●●	●●
	Transport & Logistics		●	●			
	Distribution Centre			●			
	Warehouse			●			
	Manufacturing			●			
	Industrial						
	Banking		●●	●	●	●	●
	Healthcare	●	●●				
Scanning Technology	Laser					✓	✓
	Linear Imager						
	Area Imager	✓	✓	✓	✓		
Durability	Durable	✓	✓	✓	✓	✓	✓
	Rugged						
	Ultra Rugged						
	IP Rating	IP5X	IP52	IP53	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants	Sealed to resist airborne particulate contaminants
Performance	Scan Pattern	Area Image 1280 x 960	Area Image 1280 x 800	Area Image 832 x 504	Area Image 1280 x 800	Area Image (640 x 480 pixel array)	
	Aimer	Hands-free scanner, no visible aimer, warm white LED illumination	Area Image 1,280 x 800 pixel array, 1Mp	LED	Presentation scanner, no visible aimer, red illumination	Laser, reticular, red	Laser, reticular, red
	Decode Capbility	1D, PDF417, 2D	Reads standard 1D, 2D, PDF, 2D, Dotcode symbologies, Digimarc supported	1D, PDF417, 2D	1D, PDF417, 2D	1D, GS1 DataBar,2D	1D, GS1 DataBar
	Typical Read Range	0 mm - 190 mm (0 in - 7.5 in)	0 mm – 300 mm (0 in – 11.8 in)	39 mm – 435 mm (1.5 in – 17.1 in)	0 mm – 210mm (0in - 8in)	Laser:0 mm – 275 mm (0 in – 10.8 in) Imager:0 mm – 245 mm (0 in – 9.6 in)	0 mm – 215 mm (0 in – 8.5 in)
	Scan Rate	300cm/s (118in/s) for UPC 13mil at optimal focal	400 cm/s (158 in/s) for 13 mil UPC at optimal focal	>270 cm/s (106 in/s) at focal point	Up to 250cm/s (98.5 in/s) for 13 mil UPC at optimal focus	1120 Scans/sec	1120 Scans/sec
	Manufacturer Warranty	3 years	3 years	2 years	3 years	3 years	3 years

● *Recommended*   ●● *Highly Recommended*   ✓ *Applicable*

Product Line		INDUSTRIAL CORDED			
Product Family		Granit 1990i	Granit 1980i	Granit 1920i DPM	Granit 1280i
Deployment Environment	General Purpose				
	Retail				
	Transport & Logistics				
	Distribution Centre	●●	●●		●●
	Warehouse	●●	●●		●●
	Manufacturing	●●	●●	●●	●●
	Industrial	●●	●●	●●	●●
	Banking				
	Healthcare				
Scanning Technology	Laser				✓
	Linear Imager				
	Area Imager	✓	✓	✓	
Durability	Durable	✓			
	Rugged		✓	✓	✓
	Ultra Rugged				
	IP Rating	IP67 and IP65	IP65	IP65	IP65
Performance	Scan Pattern	Area Image 1280 x 800	Area Image 1280 x 800	Area Image 1280 x 800	Single Scan Line
	Aimer	Pending on the SKU	Laser, dot, red	Laser, dot, red	Laser, line, red
	Decode Capbility	Reads standard 1D, PDF, 2D, Postal, Digimarc, DOT Code and OCR symbologies	1D, PDF417, 2D	Reads standard 1D, stacked, 2D and postal symbologies	1D
	Typical Read Range	0 mm - 10m (0in-33ft)	100 mm – 1600 mm (3.9 in – 629.9 in)	0 mm – 147 mm (0 in – 5.8 in)	48 mm – 749 mm (1.9 in – 29.5 in)
	Scan Rate	Up to 450cm/s (in/s) (177 in/s)			
	Manufacturer Warranty	3 years	3 years	3 years	3 years

● Recommended   ●● Highly Recommended   ✓ Applicable

Honeywell

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