

Handheld 1950g

Handheld Area-Imaging Scanner



ROBUST AND SIMPLE TO OPERATE

The Xenon XP 1950g scanner offers superior scan performance, easily capturing even the most difficult-to-read or damaged barcodes. Engineered to 50 drops at 1.8m and 2,000 tumbles at 0.5m, with an IP41 ingress rating for water and dust, the Xenon XP 1950g scanner delivers class-leading durability. This significantly reduces scanner downtime and service costs, leading to a longer lifecycle and a lower total cost of ownership.

REDUCES OPERATOR STRAIN

Designed for environments that demand high-accuracy scanning, whether at a distance, or even on damaged barcodes, the Xenon XP 1950g scanner reduces strain on the user – decreasing the need to bend to reach barcodes.

APPLICATIONS

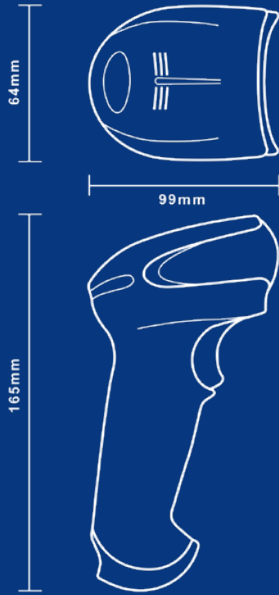
- Check-in
- Self-Bag Drop
- Pre-security
- Duty Free
- Lounge access



FEATURES:

- Rapid Barcode Reading - Fast, omnidirectional 1D/2D barcode imager
- Easy to Use - Convenient handheld form factor
- Reads Barcodes Even When Damaged - Superior scanning performance, even on damaged and poor-quality barcodes
- Built to Last - Engineered to withstand 2,000 x 0.5m tumbles and 50 x 1.8m drops
- Reads Barcodes From Any Media - Optimized for scanning digital codes from customer smartphones and merchandise codes

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FEATURES

Connection Types

- USB
- RS232
- RS485

Technology

- QR/Barcode

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	READING CAPABILITIES		
Scan Performance	Scan Pattern: Area Image (1280 x 800 pixel array) Motion Tolerance: Up to 400 cm/s for 13 mil UPC at optimal focus Scan Angle SR: Horizontal: 48°; Vertical: 30° HD: Horizontal: 48°; Vertical: 30° Print Contrast: 20% minimum reflectance difference Roll, Pitch, Skew: ±360°, ±45°, ±65° Decode Capabilities: Reads standard 1D, PDF, 2D, Postal Digimarc, DOT Code, and OCR symbologies Note: Decode capabilities dependent on configuration		
Communications & Host	Host System Interfaces: USB, Keyboard Wedge, RS-232, RS485 support for TGCS (IBM) 46XX User Indicators: Good Decode LEDs, Rear View LEDs, Beeper (adjustable tone and volume)		
Decode Ranges (DoF)	TYPICAL PERFORMANCE*	STANDARD RANGE (SR)	HIGH DENSITY (HD)
	Narrow Width		
	3 mil Code 39	56mm - 132mm (2.2in - 5.2in)	27mm - 131mm (1.1in - 5.1in)
	5 mil Code 39	28mm - 242mm (1.1in - 9.5in)	14mm - 219mm (0.6in - 8.6in)
	10 mil Code 39	0mm - 443mm (0in - 17.4in)	0mm - 389mm (0in - 15.3in)
	13 mil UPC	0mm - 490mm (0in - 19.3in)	0mm - 368mm (0in - 14.5in)
	15 mil Code 128	0mm - 543mm (0in - 21.4in)	0mm - 417mm (0in - 16.4in)
	20 mil Code 39	4mm - 822mm (0.1in - 32.4in)	6mm - 604mm (0.2in - 23.8in)
	5 mil PDF417	54mm - 160mm (2.1in - 6.3in)	30mm - 155mm (1.2in - 6.1in)
	6.7 mil PDF417	34mm - 220mm (1.4in - 8.7in)	17mm - 211mm (0.7in - 8.3in)
	7.5 mil DM**	49mm - 172mm (1.9in - 6.8in)	27mm - 160mm (1in - 6.3in)
	10 mil DM**	29mm - 245mm (1.1in - 9.7in)	12mm - 211mm (0.5in - 8.3in)
	20 mil QR	0mm - 438mm (0in - 17.2in)	0mm - 331mm (0in - 13in)
	* Performance may be impacted by barcode quality and environmental conditions ** Data Matrix (DM)		
	ELECTRONIC		
Power	Input Voltage: 4.4V DC – 5.5V DC (Charging) Bases: 2.5W (500 mA @ 5V DC)		
Electrostatic Discharge (ESD) (Scanners & Cradles)	±8 kV indirect coupling plane, ±15 kV direct air		
	PHYSICAL		
Dimensions	3 x 4 x 6 in (64 x 99 x 165 mm)		
Weight	5.6 oz. (160g)		
Tumble Spec	2,000 20 in (0.5 m) tumbles (impacts)		
Drop	Engineered to withstand 50 x 6ft (1.8 m) drops to concrete		
Environmental Sealing	IP41		
Light Levels	0 to 100,000 lux		
	THERMAL (AIR)		
Temperature	Operating 32°F to 122°F (0°C to 50°C)		
Storage	-40°F to 158°F (-40°C to 70°C)		
Humidity	0-95% non-condensing		

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