1900GSR-EZDLKIT

Barcode Scanner for Driver License

Xenon™ 1900, Honeywell's sixth-generation of area-imaging technology, is redefining the standard for hand-held scanners. Featuring the EasyDL pre-installed on the unit. This plug-in parses barcode data found on US Government-issued ID cards delivering ready to use data to the host PC for age verification and automatic form population.   EZDL supports most states and District of Columbia.**

Powered by Adaptus® Imaging Technology 6.0, Xenon 1900 delivers superior bar code scanning and digital image capture. Xenon 1900 incorporates a revolutionary decoding architecture and a custom sensor, enabling extended depth of field, faster reading, and improved scanning performance on poor quality bar codes. From high density linear to 2D bar codes found directly on the screen of a mobile device, Xenon 1900 decodes virtually all bar codes with ease.

A new space-saving design that mounts critical components on a single board eliminates the need for connectors. A more reliable design with fewer components minimizes downtime and improves serviceability, resulting in increased productivity. Its small form factor ensures that the Xenon 1900 fits well in virtually any sized hand, reducing operator fatigue.

Built with durability in mind, Xenon 1900 can withstand up to 50 drops to concrete from distances as high as 6 feet. An IP41-rating provides added protection. With a solid-state design backed by a five-year warranty, Xenon 1900 is constructed to deliver years of uninterrupted performance.

DESCRIPTION	PART NUMBER
Honeywell-based 1900GSR Barcode imager with EZDL license, USB interface cable, 5 year warranty for USDA and DOI.	**1900GSR-EZDLKIT**

Features

- **Custom Sensor Optimized for Bar Code Scanning:** Improves scanning aggressiveness and protects investment by providing supply chain stability

- **Multiple Focal Options:** Three focal options (high density, standard range and extended range) provide application-specific scanning, leading to improved productivity

- **Image Processing Software:** Offers advanced editing functionality—cropping, brightening, rotating, sharpening and more—to produce high-quality digital images

- **TotalFreedom™ 2.0:** Second-generation development platform enables the loading and linking of multiple applications on the scanner to enhance image processing, decoding or data formatting functionality, eliminating the need for host system modifications

- ****Support Notes: Most states and DC supported except New Mexico(NM). Some driver's licenses may contain encrypted data that cannot be processed by EZDL.**

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Mechanical	
Dimensions (LxWxH)	104 mm x 71 mm x 160 mm (4.1˝ x 2.8˝ x 6.3˝)
Weight	147 g (5.2 oz)

Electrical	
Input Voltage	4 VDC to 5.5 VDC
Operating Power	2.3 W (450mA @ 5 VDC)
Standby Power	0.45 W (90mA @ 5 VDC)
Host System Interfaces	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)

Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	0% to 95% relative humidity, non-condensing
Drop	Designed to withstand 50 1.8 m (6´) drops to concrete
Environmental Sealing	IP41
Light Levels	0 to 100,000 lux (9,290 foot-candles)

Scan Performance	
Scan Pattern	Area Image (838 x 640 pixel array)
Motion Tolerance	Up to 610 cm/s (240 in/s) for 13 mil UPC at optimal focus
Scan Angle	SR Focus: Horizontal: 42.4°; Vertical: 33°
Symbol Contrast	20% minimum reflectance difference
Pitch, Skew	45°, 65°
Decode Capability	Reads standard 1D, PDF, 2D, Postal and OCR symbologies *Note: Decode capabilities dependent on kit configuration
Warranty	5 year factory warranty TCG EWP Enhanced Warranty Protection Lifetime Telephone Technical Support

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance
For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies

Typical Performance*	High Density (HD)	Standard Range (SR)	Extended Range (ER)
Narrow Width			
5 mil Code 39	0 mm - 104.1 mm (0˝ - 4.1˝)	27.9 mm - 134.6 mm (1.1˝ - 5.3˝)	94 mm - 203.2 mm (3.7˝ - 8.0˝)
13 mil UPC	10.2 mm - 167.6 mm (0.4˝ - 6.6˝)	10.2 mm - 439.4 mm (0.4˝ - 17.3˝)	25.4 mm - 525.8 mm (1.0˝ - 20.7˝)
20 mil Code 39	10.2 mm - 233.7 mm (0.4˝ - 9.2˝)	12.7 mm - 584.2 mm (0.5˝ - 23.0˝)	25.4 mm - 596.9 mm (1.0˝ - 23.5˝)
6.7 mil PDF417	0 mm - 109.2 mm (0˝ - 4.3˝)	10.2 mm - 154.9 mm (0.4˝ - 6.1˝)	71.1 mm - 233.7 mm (2.8˝ - 9.2˝)
10 mil DM**	0 mm - 127 mm (0˝ - 5.0˝)	12.7 mm - 190.5 mm (0.5˝ - 7.5˝)	63.5 mm - 287 mm (2.5˝ - 11.3˝)
20 mil QR	10.2 mm - 190.5 mm (0.4˝ - 7.5˝)	15.2 mm - 383.5 mm (0.6˝ - 15.1˝)	17.8 mm - 482.6 mm (0.7˝ - 19.0˝)
Resolution 1D Code 39	3 mil (0.076 mm)	5 mil (0.127 mm)	5 mil (0.127 mm)
Resolution 2D DM**	5 mil (0.127 mm)	6.7 mil (0.170 mm)	7.5 mil (0.191 mm)

*Performance may be impacted by bar code quality and environmental conditions
**Data Matrix (DM)

For more information:

www.honeywellaidc.com

TCG, LLC
17400 Falls Rd
Upperco, MD 21155
P: 410-239-6808
F: 410-374-1245
E: Sales@tcg-llc.net

www.tcgbarcode.com

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