

KP4610

2D industry

KP4610 2D industry is an efficient fixed mount scanner, making it a strong all-round solution. It's equipped with a megapixel camera that scans any 1D and 2D barcode with impressive speed and ease. **KP4610 2D industry** is the device that allows to pick up any barcodes quickly, making it easy to use into kiosk, production line, etc.



2D



1D



0.3 PIXEL
SENSOR



1.8M DROP



IP 52



USB



TEMPERATED
GLASS

KP4610 *2D industry*

Main Characteristics

Physical	Dimensions	Height 43.5 mm, Width 41 mm, Depth 19 mm	
	Weight	70 gr, without cable	
	Cable	Removable Straight 2.0 m	
	Connector Type	RJ-45 phone jack connector	
	Case Material	Zinc alloy	
	Exit Window Material	Tempered glass	
	Indicator	Beeper, LED	
Communication	Interface Supported	USB Keyboard, USB virtual COM RS-232, (optional)	
Performance	Operating Mode	Hand-held, Auto-detection	
	Programming Method	Manual (reading special barcode)	
	Firmware Upgrade	Supported	
	Input Voltage	USB 5 ±0.25VDC	
	Current	Standby: 92 mA Scanning: 200 mA	
	Image Size	640 x 480pixels	
	Light Source	Illumination : 5000 K , white LED	
	Imager Field of View	Horizontal: 48°, vertical: 38°	
	Scanning Angle	±58°, ±65°, 360° (skew, pitch, roll)	
	Print Contrast	20% minimum reflective difference	
	Minimum Resolution	1D (Code 128) 4mil 2D (PDF417) 6.7mils	
Decoding Depth	4mil Code128 (9chars) 10 mil Code39 (3 chars) 13 mil UPC (6 chars) 20 mil Code39 (1 char) 6.7 mil PDF417 (20 chars) 10 mil QR (20 chars) 10 mil DM (20 chars) 20 mil QR (20 chars)	15mm – 40mm 10mm – 150mm 0 mm – 160mm 15mm – 340mm 17mm – 70mm 5mm – 185mm 5mm – 85mm 10mm – 200mm	
Data Capture	Decoding Capability 1D	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5(Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, Telepen, GS1 DataBar (formerly RSS) variants	
	Decoding Capability 2D	2D: PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code, MicroPDF417	
Environmental	Temperature	Operating -10° to 45°C Storage -20° to 70°C	
	Humidity	5% to 95% (non-condensing)	
	Sailing	IP52	
	Safety	Safety: EN62471 EMC: EN55032 - IEC6100-4-3	
	Mechanical Vibration	IEC60064-2-6	
	Mechanical Shock	IEC-60064-2-27	

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