
PRODUCT

CATALOGUE

PRECISE
DATA DEVICE.



Kaptur© is engaged in the design and production of barcode readers, RFID devices and mobile computing solutions for automatic identification systems and data collection industries. Investment and dedication in engineering, design and quality improvements are the direct foundations of the company value to deliver cutting edge technology and solutions to our international partners and distributors.

kaptur

PRODUCT LINE

kaptur



KP1200

elite

KP1200 elite is equipped with 1280 x 800 CMOS sensor that makes this barcode reader one of the quickest and most accurate scanning devices in the market. KP1200 elite is able to read 1D and 2D codes with ease even if the codes are creased, damaged or covered by cellophane. KP1200 elite is ideal for reading the codes directly from phone screens.

The soft white auxiliary lighting and green targeting dot deliver comfortable and convenient scanning experiences.

The stylish and ergonomic design makes KP1200 elite the ideal product for Retail and Healthcare applications, able to withstand multiple 1.8 meters drops allows for use in hard environments such as warehouse.

Main Characteristics		
Physical	Dimensions	Height 90 mm, Width 62.8 mm, Depth 153 mm
	Weight	132 gr, without cable
	Cable	Removable Straight 2.0 m
	Connector Type	RJ-45 phone jack connector
	Case Material	PC+TPU
	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: 160 mA Scanning: 300 mA (Max:480mA)
	Image Size	1280 x 800pixels
	Light Source	Illumination : 5000 K , white LED Aiming: 525 nm peak wavelength, green LED
	Imager Field of View	Horizontal: 41°, vertical: 28°
	Scanning Angle	±70°, ±75°, 360° (skew, pitch, roll)
	Print Contrast	20% minimum reflective difference
	Minimum Resolution	SR: 1D (Code 128) : 4mil
	Decoding Depth	<div> <div>4mil Code39 (9chars)</div> <div>30mm - 90mm</div> </div> <div> <div>5 mil Code39 (3 chars)</div> <div>20mm - 120mm</div> </div> <div> <div>13 mil UPC (6 chars)</div> <div>0 mm - 280mm</div> </div> <div> <div>20 mil Code39 (1 char)</div> <div>15mm - 430mm</div> </div> <div> <div>6.7 mil PDF417 (20 chars)</div> <div>15mm - 120mm</div> </div> <div> <div>10 mil QR (20 chars)</div> <div>0mm - 165mm</div> </div> <div> <div>10 mil QR (20 chars)</div> <div>0mm - 165mm</div> </div> <div> <div>10 mil QR (20 chars)</div> <div>0mm - 340mm</div> </div>
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
Enviromental	Temperature	Operating -10° to 50°C Storage -20° to 70°C
	Humidity	5% to 95% (non-condensing)
	Safety	Safety: EN62471 EMC: EN55032





Retail Use



Fast Scan



Multi Use

KP1401

desk reader



As the first megapixel scanner on the market, the KP1401 desk reader II reads 1D and 2D barcodes, including Aztec, with speed and ease from paper and from a mobile phone screen. With user friendliness being at the forefront of POS systems, the KP1401 desk reader features soft illumination with a 10-degree tilt that insures comfort for both employees and customers. Combined with its superior performance and level of comfort, the KP1401 desk reader is the perfect addition to any POS system.

Main Characteristics		
Physical	Dimensions	Height 93 mm, Width 95mm, Depth 157 mm
	Weight	298 gr, without cable
	Cable	Removable Straight 2.0 m
	Connector Type	RJ-45 phone jack connector
	Case Material	PC
	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: 110 mA Scanning: 370 mA
	Image Size	1280 x 800pixels
	Imager Field of View	Horizontal: 64°, vertical: 44°
	Scanning Angle	±70°, ±70°, 360° (skew, pitch, roll)
	Print Contrast	20% minimum reflective difference
	Minimum Resolution	SR: 1D (Code 128) : 4mil
	Decoding Depth	<div> <div>5 mil Code39 (3 chars)</div> <div>10 mil Code39 (3 chars)</div> <div>13 mil UPC (6 chars)</div> <div>20 mil Code39 (1 char)</div> <div>6.7 mil PDF417 (20 chars)</div> <div>10 mil QR (20 chars)</div> <div>20 mil QR (20 chars)</div> </div> <div> <div>5mm - 55mm</div> <div>0mm - 140mm</div> <div>0 mm - 150mm</div> <div>0mm - 239mm</div> <div>15mm - 60mm</div> <div>0mm - 40mm</div> <div>0mm - 150mm</div> </div>
Data Capture	Decoding Capability 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	PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code, MicroPDF417
Enviromental	Temperature	Operating -20° to 55°C Storage -20° to 75°C
	Humidity	5% to 95% (non-condensing)
	Safety	Safety: EN62471:2008 - EN60950 EMC: EN55022 - EN55024 Drop: 30+ times of 1.5m to concrete





KP2230

Wireless 2D

KP2230 wireless 2D imager provides a cost-effective data capture solution that allows customers to enjoy the capabilities of the 2D barcode scanner for the price of a 1D scanner. Equipped with third generation image scanning technology, the KP2230 wireless 2D upholds an excellent scanning performance. With a strong, reliable RF connection of up to 50 meters from its host, the KP2230 wireless 2D allows you to roam around the shop floor without any constraints.

KP2230 wireless 2D is an ideal solution for applications such as product traceability, purchase-sales-inventory management, ticket/voucher management and office automation.

Main Characteristics		
Physical	Dimensions	Height 99mm, Width 60mm, Depth 170mm
	Weight	165 gr.
	Cable	Straight 1.5 m
	Case Material	ABS+TPU
	Indicator	Beeper, LED
Communication	Interface Supported	USB Keyboard, USB virtual COM RS232 (optional)
	Communication RF	2.4GHz up to 100m in open space
Performance	Operating Mode	Hand-held, Auto-detection
	Programming Method	Manual (reading special barcode)
	Battery	Rechargeable Lithium 1600mAh Battery
	Charging mode	Micro USB charging connector USB 5Vdc charging voltage
	Working time	8.5h continuous working
	Input Voltage	USB 5 ±0.25VDC
	Current	Standby: 10mA Scanning: 190mA
	Sensor	Area Image (640 x 480 pixel array 256 grey levels)
	Scanning Angle	±75°, ±65°, ±360° (skew, pitch, roll)
	Print Contrast	30% minimum reflective difference
	Light Source	Illumination: 6500K white LED Aiming LED (617nm ±10nm)
	Decoding Depth Min Barcode width	5mil Code 128 15-79mm 10mil QR Code 7-83mm 13mil EAN 13 35-225mm 20mil Code 128 15-172mm 50mil Code 128 80-520mm
	Memory capacity	Offline scanning can store up to 50000 bar codes
Data Capture	Decoding Capability 1D	UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISBT Concat
	Decoding Capability 2D	PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code,
Enviromental	Temperature	Operating -5° to +65°C Storage -20° to +70°C
	Humidity	5% to 90% (non-condensing)
	Safety	EMC: EN55022, EN55024 Electrical Safety: EN62471 RF Immunity: IEC61000-4 -3, 10V/m Drop resistance: Multiple Drop 2m Protection: IP52





KP2201

2D imager

KP2201 2D imager is a two-dimensional image scanner with excellent quality. KP2201 2D imager adopts the third generation image scanning technology to make scanning more sensitive and accurate. It can be used in many kinds of application and environments, whether it is two-dimensional code or one-dimensional bar code. KP2201 2D imager can scan all directions, whether label bar code or screen display bar code can be sensitive to identify, even in scanning damaged or printing poor quality bar code,

Main Characteristics		
Physical	Dimensions	Height 99mm, Width 60mm, Depth 170mm
	Weight	165 gr.
	Cable	Straight 1.5 m
	Case Material	ABS+TPU
	Indicator	Beeper, LED
Communication	Interface Supported	USB Keyboard, USB virtual COM RS232 (optional)
Performance	Operating Mode	Hand-held, Auto-detection
	Programming Method	Manual (reading special barcode)
	Input Voltage	USB 5 ±0.25VDC
	Current	Standby: 10mA Scanning: 190mA
	Sensor	Area Image (640 x 480 pixel array 256 grey levels)
	Scanning Angle	±75°, ±65°, ±360° (skew, pitch, roll)
	Print Contrast	30% minimum reflective difference
	Light Source	Illumination: 6500K white LED Aiming LED (617nm ±10nm)
	Decoding Depth Min Barcode width	5mil Code 128 15-79mm 10mil QR Code 7-83mm 13mil EAN 13 35-225mm 20mil Code 128 15-172mm 50mil Code 128 80-520mm
Data Capture	Decoding Capability 1D	UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISBT Concat
	Decoding Capability 2D	PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code,
Enviromental	Temperature	Operating -5° to +65°C Storage -20° to +70°C
	Humidity	5% to 90% (non-condensing)
	Safety	EMC: EN55022, EN55024 Electrical Safety: EN62471 RF Immunity: IEC61000-4 -3, 10V/m Drop resistance: Multiple Drop 2m Protection: IP52





Low Brightness



Fast Scan



Long Range

KP2200

2D imager

KP2200 2D imager provides a cost-effective data capture solution that allows customers to enjoy the capabilities of the 2D barcode scanner for the price of a 1D scanner. Equipped with new generation decoder chip, the KP2200 2D imager upholds an excellent scanning performance. Ensuring productivity and comfort with it's design, this scanner is an ideal low-cost solution for applications such as product traceability, purchase-sales-inventory management, ticket/voucher management and office automation.

Main Characteristics

Physical	Dimensions	Height 90mm, Width 70mm, Depth 174mm
	Weight	195 gr.,
	Cable	Fix Straight 2.0 m
	Case Material	PC+TPU
	Indicator	Beeper, LED
Communication	Interface Supported	USB Keyboard, USB virtual COM
Performance	Operating Mode	Hand-held, Auto-detection
	Programming Method	Manual (reading special barcode)
	Input Voltage	USB 5 ±0.25VDC
	Current	Standby: 20mA Scanning: 130mA
	Sensor	Area Image (640 x 480 pixel array)
	Scanning Angle	±60°, ±65°, ±360° (skew, pitch, roll)
	Print Contrast	30% minimum reflective difference
	Decoding Depth Min Barcode width	4mil: 38-72mm 5mil: 35-110mm 10mil: 40-220mm 13mil: 40-250mm 40mil: 50-320mm
Data Capture	Decoding Capability 1D	UPC-A , UPC-E , EAN-8 , EAN-13 , Code 128 , GS1-128 , Code 39 , Code 93 , Codabar , GS1 DataBar(RSS-14) , GS1 DataBar Limited , GS1 DataBar Expanded , industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5,
	Decoding Capability 2D	QR Code, PDF417 Code, Datamatrix, AZTEC, MicroQR
Enviromental	Temperature	Operating 0° to 50°C Storage -25° to 60°C
	Humidity	10% to 80% (non-condensing)
	Safety	EMC: EN55022, EN55024 Electrical Safety: EN60950 Drop resistance: Multiple Drop 1.2m Protection: IP41





Drop Test



Fast Scan



Water Proof

KP1101

advanced plus

With operational in mind, the **KP1101** advanced plus ensures increased efficiency and operator comfort for intensive handheld scanning. KP1101 advanced plus with its compact housing is durable (4m drop rate) and lightweight (170g) and the ergonomic design will reduce user fatigue and maximize operator comfort for everyday intensive scanning. The high performance laser engine allows the fast and precise decoding in all the environments and conditions.

Main Characteristics

Physical	Dimensions	Height 82mm, Width 67mm, Depth 168mm
	Weight	168 gr, without cable
	Cable	Removable Straight 2.0 m
	Connector Type	RJ-45 phone jack connector
	Case Material	PC+TPU
	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: 250uA Scanning: 130mA
	Light Source	645-660nm laser diode
	Scanning Angle	±60°, ±65°, ±42° (skew, pitch, roll)
	Print Contrast	25% minimum reflective difference
	Decoding Depth	5 mil 40mm -110mm 10 mil 10mm -280mm 13 mil 15mm -315mm 16 mil 25mm -385mm 35 mil 145mm -630mm
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
Enviromental	Temperature	Operating -10° to 50°C Storage -20° to 70°C
	Humidity	5% to 95% (non-condensing)
	Safety	Laser Safety: EN60825-1 Class 1 EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Drop: Multiple 4.0m drops to concrete IP Protection: IP52





Drop Test



Fast Scan



Long Range

KP1102

advanced 1D

KP1102 advanced 1D supports standard RS-232 / USB / PS2 PC interface; With good performance, this rugged and compact scanner is very suitable for applications in supermarkets, shopping malls and warehouse environment application.

Main Characteristics

Physical	Dimensions	Height 76mm, Width 67mm, Depth 168mm
	Weight	120 gr, without cable
	Cable	Removable Straight 2.0 m
	Connector Type	RJ-45 phone jack connector
	Case Material	ABS
	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: 30mA Scanning: 170mA
	Light Source	645-660nm laser diode
	Scanning Angle	±60°, ±65°, ±42° (skew, pitch, roll)
	Print Contrast	25% minimum reflective difference
	Decoding Depth	3 mil 27mm -65mm 4 mil 27mm -60mm 5 mil 18mm -132mm 10 mil 10mm -320mm 13 mil 16mm -380mm 15 mil 13mm -500mm 20 mil 19mm -620mm 30 mil 25mm -770mm
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
Enviromental	Temperature	Operating 0° to 50°C Storage -40° to 60°C
	Humidity	5% to 95% (non-condensing)
	Safety	Laser Safety: EN60825-1 Class 1 EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Drop: 30+ time of 2.0m drops to concrete IP Protection: IP50





KP3103

1D Laser

Designed as an entry-level 1D barcode scanner, the KP3103 basic 1D provides excellent value for everyday use. The device is easy and comfortable to use and can stand up to everyday drops and bumps, making it a reliable investment. Intuitive to use, the KP3103 basic 1D requires little to no set up or training. From the moment the device is taken out of the box, employees can comfortably use the device all day due to its light design, speed and simplicity.

Main Characteristics		
Physical	Dimensions	Height 76mm, Width 67mm, Depth 168mm
	Weight	120 gr, without cable
	Cable	Removable Straight 2.0 m
	Connector Type	RJ-45 phone jack connector
	Case Material	ABS
	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: 30mA Scanning: 170mA
	Light Source	645-660nm laser diode
	Scanning Angle	±60°, ±65°, ±42° (skew, pitch, roll)
	Print Contrast	25% minimum reflective difference
	Decoding Depth	3 mil 27mm -65mm 4 mil 27mm -60mm 5 mil 18mm -132mm 10 mil 10mm -320mm 13 mil 16mm -380mm 15 mil 13mm -500mm 20 mil 19mm -620mm 30 mil 25mm -770mm
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
Enviromental	Temperature	Operating 0° to 50°C Storage -40° to 60°C
	Humidity	5% to 95% (non-condensing)
	Safety	Laser Safety: EN60825-1 Class 1 EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Drop: 10+ time of 2.0m drops to concrete IP Protection: IP50



Precision Scan



Best Value



Long Range

KP2000

rapid 1D CCD

KP2000 rapid 1D CCD handheld barcode scanner incorporates the latest technology for excellent 1D barcode scanning performance at exceptionally low power consumption. The KP2000 rapid 1D can perform up to 200 scans per second, which translates into very fast and accurate barcode capturing. In addition, its compact size, ergonomic and solid state design makes a smart solution for extensive use in varied environments. The KP2000 rapid 1D is a practical user friendly quality entry level scanner at an extremely competitive price

Main Characteristics

Physical	Dimensions	Height 90mm, Width 60mm, Depth 180mm
	Weight	195 gr.,
	Cable	Fix Straight 2.0 m
	Case Material	PC+TPU
	Indicator	Beeper, LED
Communication	Interface Supported	USB Keyboard, USB virtual COM
Performance	Operating Mode	Hand-held, Auto-detection
	Programming Method	Manual (reading special barcode)
	Input Voltage	USB 5 \pm 0.25VDC
	Current	Standby: 20mA Scanning: 130mA
	Sensor	2500px Linear CCD
	Scanning Angle	$\pm 60^\circ$, $\pm 65^\circ$, $\pm 45^\circ$ (skew, pitch, roll)
	Print Contrast	30% minimum reflective difference
	Decoding Depth Min Barcode width	4mil: 38-72mm 5mil: 35-110mm 10mil: 40-220mm 13mil: 40-250mm 40mil: 50-320mm
Data Capture	Decoding Capability 1D	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN, ISSN, Code 39, Code 38 Full Ascii, Code 32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11, MSI/Plessey, UK(Plessey, China Post, GS1 DataBar, Telepen
Enviromental	Temperature	Operating 0° to 50°C Storage -25° to 60°C
	Humidity	10% to 80% (non-condensing)
	Safety	EMC: EN55022, EN55024 Electrical Safety: EN60950 Drop resistance: Multiple Drop 1.2m Protection: IP41



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