

kaptur



2018



kaptur

Kaptur is engaged in the design and production of barcode readers, RFID devices and mobile computing for automatic identification and data collection industries.

Our 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 partners and distributors.



Italian R&D Center



Headquarter in Shenzhen, with R&D centre in Italy, we aim at becoming one of the leading companies in the barcode reading and data collection devices. Committed to customers satisfaction, we provide both off the shelf and custom solutions to meet different requirements and application.

Our extensive line of barcode readers are designed to cover different markets including Retail, Manufacturing, Transportation & Logistics and Healthcare.



KP1101

ADVANCE PLUS 1D LASER

Dimensions	82 x 67 x 168mm
Weight	168 gr
Cable	Straight 2.0m
Connector Type	RJ45 8Pin connector
Case Material	PC+TPU
Indicator	Bepper
Supported Interface	HID Keyboard Optional: RS232, USB Virtual COM
Input Voltage	+5V USB
Laser	645-660 nm Laser Diode
Decoding Rate	200 Read /sec
Scanning Angle	Skew $\pm 65^\circ$ - Pitch $\pm 65^\circ$ - Roll $\pm 42^\circ$
Print Contrast	25% minimum reflection difference

Decoding Capability

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/ENA 128, ISBT 128, Code 93, Code 11, MSI/ Plessey, UK(Plessey, China Post, GS1 DataBar, Telepen

Decoding dept & Min Barcode width	3mil 5-50mm 10mil 10-85mm 13mil 10-150mm 16mil 25-165mm 35mil 145-295mm
Operating Temperature	Operating: 0° to 50°C Storage: -40° to 60°C
Humidity	5% to 95% (Non Condensing)
Safety	Laser Safety: EN60825-1 Class1 EMC: EN55022, EN55024 Electrical Safety: EN60950 Drop resistance: Multiple 4m drops to concrete Protection: IP52



Drop Test



Fast Scan



Water Proof



KP1102

ADVANCE 1D LASER

Dimensions	76 x 66,5 x 168 mm
Weight	121 gr
Cable	Straight 2.0m
Connector Type	RJ45 8Pin connector
Case Material	ABS
Indicator	Bepper, LED
Supported Interface	HID Keyboard Optional: RS232, USB Virtual COM
Input Voltage	+5V USB
Operating Mode	Manual (Trigger) Auto Detection with Stand
Laser	645-660 nm Laser Diode
Decoding Rate	200 Read /sec
Scanning Angle	Skew $\pm 65^\circ$ - Pitch $\pm 70^\circ$ - Roll $\pm 42^\circ$
Print Contrast	25% minimum reflection difference

Decoding Capability

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/ENA 128, ISBT 128, Code 93, Code 11, MSI/Plessey, UK(Plessey, GS1 DataBar, Telepen

Decoding dept & Min Barcode width	3mil: 27-65mm 4mil: 27-60mm 5mil: 18-132mm 10mil: 10-320mm 13mil: 16-380mm 15mil: 13-500mm 20mil: 19-620mm 30mil: 25-770mm
Operating Temperature	Operating: 0° to 50°C Storage: -40° to 60°C
Humidity	5% to 95% (Non Condensing)
Safety	EN60825-1 Class1 EMC: EN55022, EN55024 Electrical Safety: EN60950 Drop resistance: 30 times 2m drops Sealing: IP50



Drop Test



Fast Scan



Long Range



KP3103

1D LASER SCANNER

Dimensions	170x88x70mm
Weight	115 gr
Cable	USB cable
Connector Type	HID keyboard
Case Material	ABS+PC
Indicator	Green LED
Supported Interface	HID Keyboard Optional PS/2 - RS232
Input Voltage	DC 5V $\pm 5\%$
Laser	650nm ± 10 nm visible laser diode
Decoding Rate	300 Read/sec
Scanning Angle	Elevation angle 60° , Inclination angle 45°
Print Contrast	30%, minimum reflective difference

Decoding Capability

UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Codabar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 128, Code 93, Code 11, MSI/PLESSEY, UK/PLESSEY, UCC/EAN128 code, etc.SY, Italian Pharmacy Code, Industrial 2 of 5, BC-412

Decoding dept & Min Barcode width	5-650mm, Minimum 0.1mm(3mil)
Operating Temperature	$-15^\circ\text{C} \sim 45^\circ\text{C}$
Humidity	5% $\sim 98\%$
Safety	IEC 60825-1 Standard Class 2 for laser products



Precise Scan



Best Value



Easy Use



KP2200

2D IMAGER BARCODE SCANNER

Dimensions	180 x 65 x 174 mm
Weight	195 gr
Cable	Straight 2.0m
Case Material	PC+TPU
Indicator	Bepper, LED
Supported Interface	HID Keyboard
Input Voltage	+5V USB
Power	650mW MAX
Sensor	Area Image (640 x 480 pixel array)
Motion Tolerance	Up to 10 cm/s for 13 mil UPC at optimal focus
Decoding Rate	200 Read /sec
Scanning Angle	Skew $\pm 60^\circ$ - Pitch $\pm 65^\circ$ - Roll $\pm 360^\circ$
Print Contrast	30% minimum reflection difference
Scanning With	Max 110 mm

Decoding Capability

1D: All UPC/EAN, EAN128 Code, Code 39, Code 128 Codebar, Interleave 2 of 5, Matrix 2 of 5, MSI Code, Code 93, Code 11, China Postage.
2D: QR code, PDF417, Data Matrix

Decoding dept
& Min Barcode width

Code 39: 50 mm - 120 mm (5 mil)
Code 93: 40 mm - 210 mm (10 mil)
EAN/UPC: 40 mm - 250 mm (15 mil)
QR: 20 mm - 165 mm (20 mil)

Operating Temperature

Operating: 0° to 50°C
Storage: -40° to 60°C

Humidity

10% to 80% (Non Condensing)

Safety

EMC: EN55022, EN55024
Electrical Safety: EN60950
Drop resistance: Multiple Drop 1.2m
Protection: IP41



Low Brightness



Fast Scan



Long Range



KP2000

RAPID 1D CCD

Dimensions	175 x 70 x 90 mm
Weight	185 gr
Cable	Straight 2.0m
Case Material	PC+TPU
Indicator	Bepper, LED
Supported Interface	HID Keyboard
Input Voltage	+5V USB
Power	650mW MAX
Sensor	2500 pixel Linear CCD
Min. Resolution	4 mils
Decoding Rate	200 Read /sec
Print Contrast	30% minimum reflection difference
Scanning With	Max 110 mm

Decoding Capability

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/ENA 128, ISBT 128, Code 93, Code 11, MSI/Plessey, UK(Plessey, China Post, GS1 DataBar, Telepen

Decoding dept
& Min Barcode width

4mil: 38-72mm
5mil: 35-110mm
10mil: 40-220mm
13mil: 40-250mm
4mil: 50-320mm

Operating 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



Precision Scan



Best Value



Long Range



KP2021

1D CCD BLUETOOTH SCANNER

Dimensions	180mm(L)x 65mm(W)x105mm(H)
Weight	160gr
Cable	USB A to B cable
Connector Type	USB typeB connector
Case Material	ABS
Indicator	Bepper, LED
Supported Interface	HID keyboard, USB
Input Voltage	4.5~5.5V DC V1 $\pm 5\%$
Sensor	2500 pixel Linear CCD
Decoding Rate	280 Read/sec
Scanning Angle	Skew $\pm 55^\circ$ Pitch $\pm 25^\circ$ Roll $\pm 75^\circ$
Print Contrast	15%

Decoding Capability

Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/ NW7, All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, JATA, MSI/ PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC-412

Decoding dept
& Min Barcode width

3mil: 3 cm
5mil: 11 cm
10mil: 22 cm
15mil: 32 cm
25mil: 40 cm

Operating Temperature

Operating: $-20^\circ\text{C} \sim 50^\circ\text{C}$
Storage: $-40^\circ\text{C} \sim 70^\circ\text{C}$

Humidity

0%~98%

Safety

EN55022, EN55024



Drop Test



Bluetooth



Long Range



KP4270

MOBILE COMPUTER

Dimensions	163.8 x 79.2 x 13.8mm
Weight	242 gr
Bluetooth	Bluetooth 4.0, BLE
Touch Panel	Coming Gorilla Glass, multi-touch panel
Case Material	PC+TPU
Display	5.2" IPS FHD 1920x1080
Interfaces	USB2.0 Type-C, OTG
Power	Main battery: Li-ion, rechargeable, 4000mAh
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2
Operating System	Android 6.0
Print Contrast	25% minimum reflection difference

Decoding Capability

1D: UPC/EAN, Code128, Code39, Code93, Code11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSS

2D: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), Zebra SE4710/Honeywell N6603

Sensors	Gravity sensor Light Sensor Proximity sensor vibration motor
Operating Temperature	Operating: -20° to -50°C Storage: -40° to -70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.8m/5.9ft drops (at least 20 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m/1.6ft falls at room temperature



Portability



Industrial Use



NFC



KP2401

COUNTER READER

Dimensions	104 x 96.3 x 166 mm
Weight	300 gr
Cable	USB A to B cable straight 2.0 m
Connector Type	RJ45 8 pin connector
Case Material	ABS
Indicator	Bepper, LED
Supported Interface	HID keyboard, USB
Input Voltage	4.5~5.5V DC V1 ± 5%
Sensor	640*480
Decoding Rate	300 Read/sec
Scanning Angle	Roll:0-360,pitch: ±65,YAW: ±60
Print Contrast	35%

Decoding Capability

1D: Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7, All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC -412 2D: PDF417, QR CODE, MICRO QR, DATAMATRIX, AZTEC CODE

Decoding dept & Min Barcode width

3mil : 3cm
5mil : 11cm
10mil : 22cm
15mil : 32cm
25mil : 40cm

Operating Temperature

Operating: -20°C~50°C
Storage: -40°C~70°C

Humidity

0%~98%

Safety

EN55022, EN55024



Retail Use



Fast Scan



Multi Use



KP3000H

ADVANCE 1D LINEAR SENSOR+RFID

Dimensions	170 x 88 x 70 mm
Weight	115 gr
Cable	Straight 2.0m
Connector Type	RJ45 8Pin connector
Case Material	PC+TPU
Indicator	Bepper, LED
Supported Interface	HID Keyboard - USB Virtual COM OpUonal: RS232
Input Voltage	+5V USB
Sensor	2500 pixel Linear Sensor
Decoding Rate	300 Read/sec
Opertaing Mode	Manual (Trigger)
Print Contrast	30% minimum reflecUon difference

Decoding Capability

UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, I SBN, 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/ ENA 128, ISBT 128, Code 93, Code 11, MSI/Plessey, UKPlessey, GS1 DataBar, Telepen

Decoding dept & Min Barcode width

3mil: 70-110
4mil: 70-140mm
6mil: 60-200mm

Operating Temperature

Operating: -0°C~50°C
Storage: -40°C~60°C

Humidity

5% to 95% (Non Condensing)

Safety

EMC: EN55022, EN55024
Electrical Safety: EN60950
Drop resistance: 30 Umes 2m
drops Sealing: IP50

RFID Supported Standards Read-Write

ISO14443A/B - ISO15693

RFID Distance

Up to 7cm (depending on
RFID TAG diimension)



RFID reading



Industrial Use



Long Range





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