

CODEK

CODEK K220

Industrial Wired Barcode Scanner

Product Specification



UROVO Technology Co., Ltd.



Scanning Performance

Performance	1GHz Dual-Core Processor
Image sensor	1280 (horizontal) × 1080 (vertical) CMOS, 60fps, 1.3MP, CMOS
Light Source	Warm white LED, Red LED
Illumination	650nm laser, red crosshairs
Imager field of View	38°H x 33°V nominal
Viewing angle	Roll 360°, Skew ±60°, Pitch ±60°
Reading accuracy	≥3mil
Minimum Print Contrast	15% minimum reflective difference
Reading feedback	LED, vibration motors, and buzzers
Decode Capabilities	2D Matrix: QR Code、PDF417、DataMatrix (ECC200)、Micro QR、Chinese sensible code、Micro PDF417、Maxi Code、Aztec .etc
	Linear: UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93, Code 11, Interleaved 2 of 5, Industrial 2 of 5, Matrix 25, Standard 25, Codabar, MSI/MSI PLESSEY, GS1 DataBar .etc
Depth of field	Code39: 10~110mm (5mil) EAN13: 15~155mm (13mil) QR: 5~175mm (20mil) DM: 15~115mm (10mil)

Physical parameters

Weight	Device 238g , Base slot 216g
External dimension	98mm x 72mm x 186mm
Communication interface	USB-HID, USB-CDC, RS232
Prompt mode	Buzzer, LED indicator, vibrating motor



Input voltage and current	Maximum current < 450mA Standby current < 80mA
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Environmental parameters

Working temperature	-20°C ~ 50°C
Storage temperature	-40°C ~ 70°C
Humidity	5% RH~95% RH (non-condensing)
Ambient Light Immunity	0~100000 Lux
ESD	ESD per EN61000-4-2, +/-15 KV Air, +/-8 KV Direct, +/-8 KV Indirect
Drop Specification	1.8m
Environmental Sealing	IP54

Wireless performance

Bluetooth Spec	Dual-mode Bluetooth, BT5.0/BLE/BR/EDR
Bluetooth Frequency	2.402GHz - 2.480GHz
Transmission distance	Up to 100m
Communication mode	Synchronous mode, Asynchronous mode, and batch mode
Storage capacity	1MByte
Battery capacity	3200mA
Charging Time	Less than 4 hours
Work Lasting Time	More than 25 hours or continuously scan 40,000 times

Accessories Guide



Cable	RJ45-USB cable(Standard), RJ45-RJ232 cable(optional)
Charge Cradle	SBC220(Bluetooth Communication base)(Standard)
Power Adapter	5V2A DC Adapter(optional)
Others	Intelligent sensor bracket(optional)