COMPULYNX
Technology for a Better Tomorrow



X-POS®

XP-3200-2D Wired Barcode Scanner

Connect It to All + Install It Anywhere + Save Time and Cost

The XP-3200-2D Wired Barcode Scanner is a high-performance scanning solution designed for fast, accurate, and reliable data capture in demanding environments. Equipped with advanced CMOS imaging technology, it effortlessly reads 1D, 2D, QR codes, and OCR data including passports and ID cards, making it ideal for retail, airport duty-free, and security applications.

KENYA UGANDA TANZANIA



Top Features

- Fast 1D/2D Scanning – Reads barcodes, **QR, and OCR (Passports/IDs).**
- Advanced CMOS Sensor – Accurate scanning on screens and reflections.
- Rugged Build – 2m drop resistance with durable materials.
- Plug & Play – USB/RS-232, wide device compatibility.
- All-Environment Performance – Works in low light to bright conditions.

XP-3200-2D Technical Specifications

Performance Characteristics	
Senser	Rolling Shutter
Operating System	Windows / iOS / Android
Light Source	Aiming: Red Light LED; illumination:White Light LED
Scan Mode	Handhand (Manual) / Handfree (Automatic)
Image Sensor	CMOS
Resolution	1288×728 pixels
Scan frame rate	60fps/s
Scan Precision	≥ 4mil@ Code39
Print Contrast	≥ 25%
Interface	USB keyboard, USB virtual serial port, RS-232
Scan Angle	Rotation 360°, Elevation ± 55°, Deviation ± 70°
Field of view	40° horizontal, 31° vertical
Visual Indicator	Red and Blue LED Light, Buzzer

Decoding Capability	
1D	Codabar, Code11, Code128, ISBT128, Code32, Code39, TLC39, Code93/93i, BC412, UK Plessey, Anker Plessey, EAN-13, EAN-8, GS1, MSI Plessey, Telepen, Pharma, PatchCode, UPC-A, UPC-E, China Post, Interleaved 2 of 5, Matrix 2 of 5, NEC 2 of 5, Standard 2 of 5, IATA 2 of 5, Industrial 2 of 5, etc.
2D	Data Matrix, MaxiCode, QR, Micro QR, rMQR, Aztec Code, Han Xin, Dot Code, Grid Matrix, Codablock A, Codablock F, PDF417, Micro PDF417, OCR-A/B.
Barcode Symbologies - Postal	China Post, Korea Post, Australia Postal, Royal INFOMAIL, Japan Postal, KIX, PLANETCODE, POSTNET, Britain Postal, UPU, USPS 4STATE

Performance Parameter	
Dimension	6.85 in. H x 2.59 in. W x 3.70 in. L 174mm H x 66mm W x 94mm L
Weight	205g(with cable)
Case Material	ABS+PC / TPU
Cable	Standard 1.8M straight
Transmission Mode	Wired Transmission
Firmware Update	Computer online upgrade
Safety regulations	CE (EN 55032:2015;EN 55035:2017), ROHS, BIS, EN62368-1:2014+A11:2017 FCC PART 15 CLASS B

2D Code | 1D Code | OCR Code | 1.0 MP

Electrical Parameter	
Input Voltage	5VDC±10%
Working Current	170mA (Typical value)
Standby Current	70mA

Enviromental Parameter	
Operating Temperature	-20℃~+ 50℃
Working Humidity	5% to 95% relative humidity, non-condensing
Storage Temperature	-40℃ ~+60℃
Electrostatic protection	±8 kV (Direct discharge)
Ambient brightness	0~100,000Lux(daylight)
Drop Resistance	2.0M
IP GRADE	IP52

DECODE RANGES (DoF)

TYPICAL PERFORMANCE*	
Reading Depth of Field	
13 mil EAN 13	50 mm – 300 mm
5 mil CODE39	50 mm – 160 mm
13 mil Data Matrix	40mm – 250mm



Optional Accessories — Stand Handfree Scan



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