



QBR-120

2D Handheld Barcode Scanner

Superior out-of-box experience
Unmatched Scanning performance



QBR-120 Handheld scanner provides superior scan Performance extended depth of field, which combine to deliver an ergonomic solution for scan intensive applications

- * Comfortable, ergonomic design.
- * Highly versatile DOF.

All-Round Scanning Capability

PQ-1200 equipped with new generation 2D imaging barcode scanning technology, easily reading barcodes on various types of surface material, mobile / computer screen and forth.

- * New generation CMOS image sensor.
- * Intelligent auxiliary aiming & lighting system.

Declassify Highly-distorted Barcodes

The new generation image sensor offers state-of-the-art performance when scanning highly-distorted barcodes, including very small and high density ones, with impressive speed and ease.

Ergonomic Design

Optimized for intensive hand-held scanning, maximally reducing user fatigue in scan-intensive application.

Gun-Shaped Form

Simply plug the cable into the host system and the QBR-120 scanner will automatically configure itself to the appropriate interface, shortening the installation process.

Easy Plug & Play

Trendy & Elegant Design

The QBR-120 handheld scanner stands out with an elegant and trendy design, user friendly ergonomics and features the most advanced image sensor with red light illumination 2D technology for outstanding performance.

Class-leading Durability

The QBR-120 handheld scanner undergoes strict laboratory and real-life working environment testing to ensure the durability and the ruggedness of scanner.

- * Trigger service Life: 5 millions times

Rugged and durable construction

With an IP42 rating, the QBR-120 is protected against water and dust, and is capable of withstanding multiple drops to concrete from 1.5 meters, effectively fulfilling the industrial standard.

QBR-120

Specifications



Basic Characteristics

Dimensions:	83 (D) *67 (W) *175 (H)
Weight:	128g
Housing Materials:	PC+TPU
Notification:	Buzzer, LED Indicator

Interface

Scanner Interface	RJ-45 crystal head
Interfaces	RS-232 Serial Port, USB, USB Virtual Serial Port
Trigger:	Manual keystroke, induction recognition, continuous recognition

Scanning Parameter

Image Sensor:	CMOS
Pixel:	640x480
Illumination:	Infrared LED
Focus:	Infrared LED

Electrical Parameter

Operating Voltage:	5VDC \pm 10%
Operating Current:	Standby : 100mA ; Work : 230mA
Power:	Standby : 0.5W ; Work : 1.15W

Environment Parameter

Operating Temperature	-20 °C~+50 °C
Storage Temperature	-40 °C~+70 °C
Relative Humidity	5%~95% (No Condensation)
ESD	\pm 15 kV Air Discharge , \pm 8 kV Direct Discharge

Anti-shock Ability	1.5 m
Protection Grade	IP42
Test Condition	Environment temperature: 23°C Environment illumination: 300LUX filament lamp DOF depends on the resolution, contrast of the printing codebar, and the environmen illumination

Symbologies

Typical DOF:	5mil Code39 : 20mm–150mm 13mil ENA : 30mm–300mm 6.7mil PDF417 : 25mm–130mm 10mil DM : 15mm–100mm 20mil. QR : 15mm–210mm
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Recognition Sensitivity:	Pitch \pm 60° Tilt360° Skew \pm 60°
FOV:	Horizontal: 32 °, vertical: 25 °
Symbol Contrast:	\geq 20%
Resolution :	\geq 3mil
Barcode Content:	2D: PDF417, QR Code, Data Matrix, HanXin, Maxicode , Postal Codes etc . 1D: Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E,UPC-A,Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of5,Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14 、 RSS-Limited 、 RSS-Expand etc.

Certification

CE, FCC, ROHS

Included

- 1) QBR-120
- 2) USB Cable
- 3) User Manual

Optional accessory

RS232 Cable , Stand

Warranty

3 Years