

# Q Code 75 Bluetooth Series



- Intuitive, versatile and ergonomic design makes it ideal for retail environments.
- Tough ABS/PC Composite Housing.
- 1.5m drop test resistance.
- FCC and CE EMC Class B Certification.
- Scan rate of 300 times per second at a precision of 3mil (1D) or 5mil (2D).
- On board 1MB (1D) or 4MB (2D) Flash memory. Data automatically saved to this memory in the event of battery depletion.
- Built-in ESD protection IC on PCB.
- Reliable voltage tolerance of 5-14V ensures a long life span.
- Precise trigger to compliment high responsiveness
- Rapid charge delivery with micro-USB 3.0. interface. USB, OTG, RS232 and VCOM also supported.
- Industry leading AWG-24 rating cable and high swing test rating.
- Bluetooth Class 2 V2.1 with EDR for superb performance with mobility. Includes 3.7V 2200mAh Li-ion battery.

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## SPECIFICATIONS

	QC7506	QC7516	QC7556
Category	CCD Linear Imager	Laser	2D Imager
Housing	ABS with PC		
<b>Performance</b>			
Interface	Bluetooth® Class 2(2.4GHz) Version 2.1 +EDR		
Connected Power Consumptions	Typical 3 mA. Max 8 mA		
Data Transfer Power Consumptions	Typical 15 mA Max 20 mA		
Scan rate	SPP / HID		
Batch Scanning	300 Scans per sec		-
Memory	1MB / 4MB (upon request)		
1D Symbolologies	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey		
2D Symbolologies	None		PDF 417, Data Matrix(ECC200,ECC000,050,080,100,140), QR Code
Hands-free Scanning	Trigger / Auto-Sense / Continuous Modes		
Reading Precision	≥ 3mil		≥ 5mil
Light Source	610nm-640nm	648nm-660nm	Red Led 625±10nm
Depth of Field	UPCA(13mil):50-620mm EAN13(13mil):50-610mm		EAN13(13mil):50-195mm Code 39(5mil):50~105mm PDF417 (6.67mil):35~135mm Data Matrix (10mil):35~140mm QR Code(15mil):30~165mm
Symbol Contrast	≥ 30% Reflectance Difference		
Scan Angle	Pitch ±60° @ 0°Roll and 0°Skew Roll ±30° @ 0°Pitch and 0°Skew Skew ±60° @ 0°Roll and 0°Pitch		Pitch ±55° Roll ±360° Skew ±55°
Field of View	-		Horizontal 36° / Vertical 23°
<b>Mechanical/Electrcal</b>			
Maximum Power Consumption	0.28W	0.33W	0.76W
Battery Capacity	Maxell 3.7V 2200 mAh Li-ion Battery		
Working Hour	15hr (@ 5s / scan)		8hr (@ 5s / scan)
Input Voltage	DC 5V ± 0.5V		
Operating Current	85 mA	100 mA	230 mA
Standby Current	25 mA		7 mA
Dimension	100 mm x 46 mm x 23mm (LxWxH)		
Weight	150g±10( <sup>W</sup> / <sub>O</sub> Cable)		
<b>Environmental</b>			
Operating Temperature	-20°C ~ +60°C		
Storage Temperature	-40°C ~ +85°C		
Humidity	5% -95% (non-condensing)		
Ambient Light	0 ~100,000 LUX		
Certifications	FCC Class B, CE EMC Class B, RoHs		
<b>Accessories</b>			
Cables	Micro USB 2.0 Charge 1.8M Cable / OTG Cable		

### APPLICATION:

- Point of Sale
- Price Comparison
- Ordering via Scanner
- Logistics
- Inventory Checking
- Healthcare: Admission/Discharge, Pharmacy, Patient ID.
- Ticket and Access Management

### ACCESSORIES



Removable Cover



USB / RS232 / OTG Cable



Strap