

Q-Code 6 Gun type Long Range CCD Scanner



► **Features**

- Fast Capture
- Ergonomic Design
- High performance
- Durable
- Easy to program

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Q-Code 6 is well-designed, ergonomic and high-performance hand-held long range CCD scanner which can be used in various businesses such as retail, logistics, office automation, manufacturing and many other related applications, also can satisfy most requirements at scanner's market.

Q-Code 6 series read high density symbols (3 mil) and yet can read lower density symbols from as far away as 350mm or more, superior optical resolution are combined in a scanner which yields outstanding reading capability and aggressive performance. Q-Code 6 series are rugged, durable and long lasting scanners. It has no moving parts mean ultra-low maintenance. When used with its optional adjustable stand, the Q-code 6 can perform as a "hands-free" scanner with auto-sense function.

The Q-Code 6 scanners are available in keyboard wedge, RS232 and USB interfaces.

ADVANCECODE

SPECIFICATIONS

Q Code 6 Long Range CCD Scanner

Technical Specifications

Optical	2500 Pixel Toshiba CCD sensor.
Optical System:	200 Scans/sec
Scan Speed:	RED LED (Wave length 630~660nm)
Light Source:	PCS 0.075mm (3 mil)
Resolution:	45%
PCS Value:	43°
Scan Angle:	Up to 110mm(PCS90%, 0.2mm)
Scan Width:	3mil: 40~50mm(PCS=90%)±5mm
Scan Distance:	4mil: 40~80mm(PCS=90%)±5mm 5mil: 40~100mm(PCS=90%)±5mm 10.5mil: 40~180mm(PCS=90%)±5mm 13mil: 40~210mm(PCS90%)±5mm 40mil: 100~350mm(PCS-90%)±10mm
Interface	
Auto-Sense	IR (sense range 4cm~15cm)
Multi-interface:	Q Code-K: Keyboard Emulation Q Code-R: RS232 Q Code-T-TTL-RS232 Q Code- USB HID communication
Decoder Symbolgies	
Decodable Symbolgies:	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
Option decodable	RSS-14, RSS Limited, RSS Expanded
Electrical	
Processor	32 bits ARM CPU
Voltage:	4.5V~5.25V DC ±5%
Operation Current:	100~130mA typical
Stand-by Current:	30~45mA
Power ON	125mA
Environment	
Temperature-Operation:	+32°F to +105°F (0°C to +50°C)
Temperature-Storage:	-15°F to +140°F (-26°C to 60°C)
Humidity-Operation:	10% to 80% RH
Humidity-Storage:	10% to 90% RH
Ambient Light Rejection:	10000 Lux max. (Fluorescence) 5000 Lux max. (Sunlight)
Shock Resistance:	Approved by 1.2m drop test on concrete
Warranty:	2 Years
Safety Approval:	FCC Class-A, CE, U/L, RoHS compliant
IP level	IP30
Physical	
Case Material:	ABS, UL94U0
Dimension	Length 180mm x Width 63mm x Height 83mm
Wight:	200g±10 (scanner only 120g, with USB cable 190g)
Type of Connector:	RJ45 Jack Connector(10P10C, 15µm)
Type of Cable	PS2, USB, D-Sub(9)
Accessories	
	USB, RS232 and Keyboard wedge cables Auto-sense stand



• Specifications subject to change without notice.