Q Code
6556 BT Series
2D Bluetooth Barcode Scanner

Application Ability

QC6556 series products, using a 1.2-megapixel level (1280 x 960) optical sensor combined with PRZM intelligent imaging technology, allocate the decoding action to the scan engine, and the decoding chip operates synchronously, thereby shortening the data processing time and speeds up the data collection. Long-distance (6M) or short-distance (4.3cm) reading, wide-angle or narrow-angle field of view, excellent performance with extraordinary motion tolerance and intelligent compensation for decoding poor barcodes, the unique PickList function enables you to It can accurately read the barcodes actually needed, and the automatic decoding ability can work in low light, and it can easily complete the reading task in the environment of poor light.

Unique PickList feature

The patented PickList reading capability enables you to accurately select the barcodes you actually need to read among many dense barcodes. The automatic decoding capability that can work in low light can easily complete the task even in poor light environments.

Barcode Reading Advantages

Omnidirectional scanning capability for unparalleled ease of use, multiple different aimers (LED dot/cross laser/dot laser), read distance options (close, medium, and long-range), micro barcode (4 x 4 mm), high-density barcode (3 mils), DPM barcode, document and image reading.

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Convenient system setting and version update capability

Through the online setting program, you can update and upgrade the latest software version of QC6556 at any time, so that your device is always in the latest version. You can also use this program to quickly and easily complete the set requirements of various applications to meet your application process setup!

DPM barcode capture capability (QC6556-DP only)

With powerful intelligent calculation and optical design, the QC6556-DP can capture DPM barcodes of almost any size, surface, different contrast, or high density, including mechanical dot engraving, laser etching, ink coding, and chemical etching, and thermal spraying Type DPM barcode.

Robust and Powerful Efficiency

QC6556 series 2D image barcode scanner is widely used in retail, logistics, express, and industry. Its unique handle design is fully ergonomic and provides users with long-term comfort. And up to 1.5 meters certified drop test, more complete to provide users with reliable usability.

Wide wireless operating range

The QC6556 series Bluetooth scanners provide a connection range of up to 100 meters (straight-line distance, with QC65-BC charging stand or QC65-BD Bluetooth receiver), allowing you to easily scan long-distance tasks with the device

Bluetooth offline access convenience

QC6556 series Bluetooth scanners have built-in time IC (RTC) and offline storage memory, which can faithfully record the time of each reading data. The access memory of up to 8MB can provide you with a storage capacity of about 1 million words (with a 64-bit computer, each word group occupies 8 bytes). Or 7K offline data (each data occupies 150 words, 150 characters or numbers).
When you are back within the Bluetooth connection distance, you can automatically or manually transfer data back or clear data!

Q Code 6556 BT Series 2D Bluetooth Barcode Scanner

	QC6556-DS	QC6556-SR	QC6556-MR	QC6556-DP
Type	Bluetooth 2D Barcode Scanner			
Communication				
Connection	BT 5.0 (BLE)			
Interface	BT HID			
Optics				
Sensor Resolution	1280 x 960 pixels, rolling shutter	1280 x 960 pixels,global shutter		
Aiming Led / VLD	Green LED	655nm Laser Laser cross		655nm Laser Laser Point
Illumination	1 Warm-White LED	2X Warm white LEDs		
Reading Precisions	≥3mil		≥4mil	≥3mil
Field of View	Horizontal: 45˚, Vertical: 34˚	Horizontal: 48˚, Vertical: 36.7˚	Horizontal: 31˚, Vertical: 23˚	
Skew, Pitch, Roll	Skew Tolerance: ±60˚ Pitch Tolerance: ±60˚ Roll Tolerance: 360˚			
Print Contras	≥25%			
Scan Rate	30 frames /sec	60 frames /sec		
Performance				
Tyoical Working Ranges	3 mil Code 39 : 56 - 172mm 5 mil Code 39 : 61 - 241mm 5 mil Code 128 : 71 - 229mm 6.67 mil PDF 417 : 61 - 203mm 10 mil DataMatrix : 74 - 229mm 100% UPCA : 46 - 495mm 15 mil QC Code : 30 - 305mm 19 mil QC Code : 30 - 356mm	3 mil Code 39 : 71 - 158mm 5 mil Code 128 : 58 - 221mm 5 mil PDF 417 : 76 - 206mm 6.67 mil PDF 417 : 56 - 269mm 10 mil DataMatrix : 61 - 269mm 100% UPCA : 41 - 584mm 15 mil Code 128 : 61 - 640mm 20 mil Code 39 : 41 - 922mm	5 mil Code 128 : 188 - 406mm 5 mil PDF 417 : 206 - 333mm 7.5 mil DataMatrix : 211 - 325mm 10 mil DataMatrix : 178 - 432mm 100% UPCA : 58 - 965mm 15 mil Code 128 : 102 - 1017mm 20 mil Code 39 : 53 - 1372mm 100 mil Code 39 : 279 - 4369mm 160 mil DataMatrix : 292 - 3505mm	3 mil Code 39 : 43 - 109mm 5 mil PDF 417 : 43 - 109mm 6.67 mil PDF 417 : 43 - 119mm 5 mil DataMatrix : 48 - 102mm 10 mil DataMatrix : 41 - 124mm 5 mil QR Code : 48 - 102mm 10 mil QR Code : 28 - 127mm 100% UPCA : 61 - 185mm
Scan Type	Trigger mode, Autosense Mode, PickList Scan, Auto Aim, Continuous Scan, Programming Scan			
Symbologies				
1D Barcode	Autodiscriminates all standard 1D codes including GS1 DataBarTM linear codes			
2D Barcode	PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, Aztec, Han Xin,Han Xin Inverse	PDF417, MicroPDF417, Datamatrix, QR Code,Micro QR Code, Aztec, Composite, TLC-39, MaxiCode, Dotcode; Grid Matrix		
Postal Barcode	Australian Postal, Japan Postal, KIX, Postnet, Planet, UK Postal, USPS 4CB/One Code/ ntelligent Mail, UPU FICS Postal	US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), Mailmark		
Image File Formats	BMP, TIFF, JPEG			
OCR ability	OCR-A,OCR-B,MICR E13B and US Currency Serial Number			
Scan Preferences	Scan barcode, Capture photo, Video, OCR identification			
Programmable Features	Data editing, Barcode setting, Firmware update			
Physical Dimension				
Color	Black (Rubber) and Grey (PC with ABS)			
Shell	PC + ABS, Partial cladding Ruber			
Dimension	160 mm H x 68.8 mm W x 86 mm D			
Weight	180g ± 5g			
BT SPEC / Electrical				
Built-in memory	512K			
Battery capacity	2600 mAh			
Working Time	12-14 Hours / Scanner Barcode Per 5 sec	9-10 Hours / Scanner Barcode Per 5 sec		
Standby Time	280 Hours	240 Hours		
Tansfer Distance	100M straight-line distance (requires Bluetooth charging stand QC65DC)			
Use Environmental				
Shock Rating	2500 G ±5%, any mounting surface	2000 G ±5%, any mounting surface		
Operating Temp	-20˚C to 50˚C	-30˚C to 60˚C		
Storage Temp	-30˚C to 70˚C	-40˚C to 70˚C		
Humidity (non-condensing)	Operating: 95% RH, non-condensing at 122˚F / 50˚C Storage: 85% RH, non-condensing at 158˚F / 70˚C			
Ingress Protection	IP43			
Electrostatic Discharge	Air 8KV			
Ambient Light	Max 107,639 lux (direct sunlight)	Max 96,900 lux (direct sunlight)		
Certification Specification	BSMI, CE, FCC, RoHs			
Regulatory				
Laser Classification	Laser Aim Models: Intended for use in CDRH Class II/IEC 825 Class 2 devices LED Aim Models: Classified as Exempt Risk Group per IEC/EN 62471			
Electrical Safety	Laser Aim Models: UL, VDE and CU recognized laser component LED Aim Models: UL Recognized Component which complies with IEC/EN 60950-1			
Accessories				
Charge Cradle	QC65BC: QC6556 BT Charge Cradle((Built-in Bluetooth, Support stand function) QC65CC: QC6556 Charge Cradle (only Charge, Support stand function)			
BT HID Dongle	QC65BD : HID Bluetooth 5.0 Dongle (Plug and Play)			
Warranty				
Scanner	2 Years			
Battery	6 Month			