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MT1195A
BayLan Micro USB Barcode Scanner with Auto-sensing

FEATURES

Auto-Sensing makes Barcode Scanning Easier The Built-in highly sensitive infrared sensor enables MT1195A micro USB Barcode Scanner with an auto-sensing range up to 7.5cm (3 in.) in either outdoor or indoor environment. As a result, reading barcode becomes an easy task – simply close in on the target and the barcode scan will be done automatically, without the need of tapping on any physical trigger button.

On-Screen Barcode Scanning Readability MT1195A is built in with a high quality linear sensor, with an auto-adaptive scan rate of 650 scans/sec at top speed. It can read barcodes printed on paper down to 4mil or on LCD glass screen down to 6mil easily

Immunity to environmental Interference MT1195A can read barcodes in any conditions whether the barcode is damage, scratched, dirty or poorly printed. It can read barcode under a wide range of ambient light from darkness to direct sunlight.

Patented Two-way HID Communication It provides MT1195A great compatibility with most Android Smartphones and Tablets. With Two-Way communication available, highly graphic and intuitive applications can thus be enabled with barcode scanning capability

Wearable Accessory for Mobile Data Collection It increases the flexibility for the light duty users, Built with a pen clip on its cap, it gives the user freedom to carry the scanner around by clipping it on the shirt Pocket. Its Ultra Low Power Feature, and ultra small size, makes MT1195A the perfect choice as a mobile data collection accessory.

Low Power Consumption Standby current of less than 55mA benefits mobile application, where low power consumption is a must.

On-Screen Button Scankey in an android application designed to enable user to trigger MT1195A micro USB barcode scanner with an on-screen trigger button and receive the scanned barcode data without interrupting the operation of user's main application.

Physical Characteristics

Dimensions:	28.7mm D x 18mm W x 19mm H (w/cap)
	21.7mm D x 18mm W x 13.8mm H (w/o cap)
Weight:	7.1gm
Voltage:	5 volts ± 10% Working <100mA, Standby <55mA
Color:	Gold

Performance Characteristics

Scanner Type:	Linear Image Sensor
Light Source:	625nm visible red LED
Scan Rate:	650 scans per second (Smart Detection)
Auto-Sensing Range:	Up-to 6.5cm±1cm away (depends on surface substrate)
Width of Field:	140mm (13mil Code39)
Print Contrast:	30%
Scan Angle:	41°
Resolution:	4mil/0.1mm
Trigger :	Auto-Sensing, Onscreen Button(scankey)
Decode Capability:	UPC/EAN, UPC/EAN with Supplemental, UCC/EAN 128, Code 39, Code 39 Full ASCII, Code 39 TriOptic, Code 128, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, IATA, Chinese 2 of 5.
Interface Supported:	USB
Ambient Light Immunity:	100,000 Lux (Sunlight)

User Environment

Operating Temp:	0° to 50°C
Storage Temp:	-20° to 60°C
Humidity:	0% ~ 95% RH (Non-Condensing)
EMI Emission:	FCC Class B
Shock Resistance;	1.5meter drop to concrete
Protection Rate:	IP42

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