

MBC-6890 SERIES

Intelligent Bluetooth Linear Imager !



Preliminary

- Cable free solution using Bluetooth for maximized freedom of scanning
- Choice of short distance (up to 30meters) and long distance(up to 100meters) Bluetooth Modules.
- Choice of Long Range and High Density
- Easy Plug & Play and auto configuration
- Intelligent FuzzyScan scanning engine to enhance reading capability and decoding speed for poor quality barcode.
- High speed scanning, 300 scan/sec, for snappy bar code capture
- User-friendly Windows utility, FuzzyScan PowerTool.NET for configuration and upgrade

It is always a headache to scan a hard to reach bar code label with limited length of cable attached to the end of the scanner. Therefore, to scan without the limitation of cable has been the dream of many scanner users.

The Best Match of Bluetooth Technology

To make this dream comes true, here comes the MBC6890: Blue Tooth cordless linear imager. Providing outstanding reading performance with the embedded FuzzyScan linear imager scan engine. Achieving the real-time data transmission to the host through the most contemporary Bluetooth module.

The Maximized Freedom of Scanning

MBC6890 can free the checkout counter operators from standing behind the counter, so they can moving around and scan the bar code labels on bulky items without any difficulty. In order to guaranties the accuracy of data transmission, auto acknowledgement will feedback from the host system to scanner. Therefore, the bar code scanning can be processed more freely, efficiently and correctly

The Powerful Heart

Adapting the features of FuzzyScan engine, it makes bar code scanning an ever pleasant experience. High-speed scanning with accurate decoding give snappy readings. Bright aiming line gives clear visibility on all bar code labels to be read.

The Complete Utility Software

To keep the MBC6890 always be updated, Flash Memory is equipped for field upgrade and store the configurations through the most advanced FuzzyScan PowerTool.NET Windows based utility. All these extra values have made the

Specification Summary



Superb bright aiming line for a distance of 12" visibility & reading



Rechargeable Long life Ni-MH battery



Smart Cradle for battery charging and communication



Plug & Play Auto configuration

PCS	<ul style="list-style-type: none">▪ Typical 0.3 (0.26mm Resolution)
Resolution	<ul style="list-style-type: none">▪ LR - Typical 4 mil, 3.5 mil capture is possible▪ HD- Typical 3 mil, 2.8 mil capture is possible
Depth of Field	<ul style="list-style-type: none">▪ LR - up to 12"▪ HD - up to 10"
Scan Engine	<ul style="list-style-type: none">▪ 3648 pixel Long range linear Dynatrack imager with 300 scan/sec scanning speed
Cordless communication	<ul style="list-style-type: none">▪ Short Distance Bluetooth module: Minimum 10 meters / Maximum 30 meters working range in open space▪ Long Distance Bluetooth Module: Maximum 100 meters working range in open space▪ Acknowledgement beeping for data transmission verification
Readable Bar Code Symbologies	<ul style="list-style-type: none">▪ Codabar & NW-7▪ Code 128 & UCC/EAN-128▪ Code 39 & Full ASCII Code 39▪ Code 11 & Code 93▪ Code 32 & IATA▪ German ITF Postal Code▪ UPC/EAN/JAN/CAN w/Addendum▪ Mainland China Postal Code▪ Standard & Industrial 2 of 5▪ Telepen (Numeric & Full ASCII)▪ Interleaved & Matrix 2 of 5▪ MSI/Plessey & UK/Plessey
Power Source	<ul style="list-style-type: none">▪ Customized super high capacity rechargeable Ni-MH battery pack
Configuration Setup	<ul style="list-style-type: none">▪ Bar code programming manual▪ Windows utility - FuzzyScan PowerTool.NET
Data Editing	<ul style="list-style-type: none">▪ Condensed DataWizard via bar code programming manual▪ Full-feature DataWizard via FuzzyScan PowerTool.NET
Special Features	<ul style="list-style-type: none">▪ Built-in flash memory for Field Upgrade via FuzzyScan PowerTool.NET
Smart Cradle	<ul style="list-style-type: none">▪ Charging/communication cradle with extra Battery Well▪ Legacy Output (PS/2 Keyboard, RS232 Serial, USB Keyboard, USB Serial)

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