

MiniLink CMX+

High Performance, Highly Intelligent

Long Range Linear Imager

for Distant Bar Code Capture!



- Highly intelligent DynaTrack system to read bar codes with poor printing contrast or quality
- Bright aiming line for a distance of 12" reading and visibility
- High speed scanning, 300 scans/sec, for snappy bar code capture
- Built-in flash memory for Field Upgrade to ensure investment guaranty (optional)
- All-in-one universal host interface for more than 60 host machines, including USB, Notebook PC & IBM ThinkPad keyboard Direct-Link (optional)
- Capable of Automatic Caps-Lock detection & Composed-key emulation
- Unique NeuroFuzzy decoding engine for +/- 200% bar code image tolerance readability
- Embedded outstanding DataWizard to meet most data editing requirements (optional)

The all new MiniLink CMX+ Long Range Imager, DynaTrack, has set up a new standard as the best cost-performance ratio solution for Aim-and-Shoot data capture application. Equipped with the innovative DynaTrack (patent pending) system, the MiniLink CMX+ automatically captures the best possible bar code image through intensive controls among the illumination, image capture, and image processing systems. Advanced optical design gives bright and sharp aiming line, just like laser beam. This has actually brought the MiniLink CMX+ DynaTrack into the application territory used to be considered for laser scanner only! The famous NeuroFuzzy decoding platform is now further enhanced by the DynaTrack system to give snappy and accurate readings on various real world bar codes, i.e. poor printing contrast or quality. All these have made the new MiniLink CMX+ DynaTrack series the best performer among its class.

To work with widely spread host systems in the field, the MiniLink CMX+ DynaTrack series are designed with universal interface feature. Through easy configuration set up and cable change, the MiniLink CMX+ DynaTrack series can instantly be switched from one host to the other. This feature has been proofed to save more than 50% inventory capital investment for distributors. Not to mention the extra flexibilities provided for corporate users where various host systems are used.

While continuously adding new functions and features, we never laves our worldwide partners aside. Via the most advanced electronic technology, the MiniLink CMX+ family has been implemented with flash memory for years. The all new MiniLink CMX+ series with DynaTrack, the best choice for serious bar code reader users!



Specification Summary for MiniLink CMX+

PCS	Typical 0.3 (0.26mm Resolution)		
Resolution	Typical 0.1mm(4 mil), 0.089mm(3.5 mil) capture is possible.		
Depth of Field	0.127mm (5mil) resolution, up to 4-5 inches (Code 39, PCS=0.9) 0.33mm (13mil) resolution, up to 7-8 inches (Code 39, PCS=0.9) 0.66mm (26mil) resolution, up to 10-12 inches (Code 39, PCS=0.9) 1.0mm (40mil) resolution, up to 16-18 inches (Code 39, PCS=0.9) 1.375mm (55mil) resolution, up to 18-20 inches (Code 39, PCS=0.9)		
Scan Engine	Long range linear DynaTrack imager with 300 scan/sec scanning speed		
Power Consumption	Low Power Standby : Maximum 1mA Regular Operation : Typical 150mA (without interface cable converter)		
Readable Bar Code Symbologies	Codabar & NW-7 Code 39 & Full ASCII Code 39 Code 32 & IATA UPC/EAN/JAN/CAN w/Addendum Standard & Industrial 2 of 5 Interleaved & Matrix 2 of 5	Code 128 & UCC/EAN-128 Code 11 & Code 93 German ITF Postal Code Mainland China Postal Code Telepen (Numeric & Full ASCII) MSI/Plessey & UK/Plessey	
Operating Modes	Toggle mode Trigger mode	Flash mode Level mode	Force mode Diagnostic mode Alternative mode Low Power mode
Host Interfaces	Dedicated PC/XT, PC/AT, PS/2 keyboard wedge		
Configuration Setup	Bar code programming card		
Data Editing (optional)	Condensed DataWizard via bar code programming manual		
Special Features (optional)	Built-in flash memory for Field Upgrade		



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