



High Performance Linear Imager for Distance Bar Code Capture!

- 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
- **All-in-one** universal host interface for more than 60 host machines, including **USB**, Notebook PC & IBM ThinkPad keyboard Direct-link
- Capable of Automatic Caps-lock detection & Composed-key emulation
- Unique **NeuroFuzzy** decoding engine for +/- 200% bar code image tolerance readability
- Useful Windows utility, **FuzzyScan PowerTool**, capable of performing on-screen configuration, program upgrade, and on-line diagnosis
- Embedded outstanding **DataWizard** to meet most data editing requirements

FuzzyScan FBC-6000 series Long Range Linear Imager has been designed to replace traditional laser bar code scanner with lower cost. Equipped with the new generation light intensifier and optical design, all FBC-6000 series gives sharply visible high intensity aiming line and distance bar code capture even from 12" away.

With more than 200 sophisticate programmable parameters and the Universal Interface feature, one single unit of the FBC-6000 can work with more than 60 different host machines through various user replaceable interface cable converters to meet any requirements. Unique NeuroFuzzy decoding engine drives FBC-6000 to perform fast and accurate scanning, even for the +/- 200% distorted bar code images. Its superior readability gives great productivity to all data collection application.

Thanks to the built-in flash memory, Field Upgrade feature has made the FBC-6000 virtually always updated to ensure investment guaranty. The embedded DataWizard feature allows you to modify scanned data anyway you want, verify, insert, delete, replace, reorganize, or even repeat any data segment.

Working with the world's only Windows utility, FuzzyScan PowerTool, all jobs of configuration setup, parameter download and upload, program upgrade, and on-line diagnosis could be done with ease at your fingertip. Via Cino's Global Internet Support (**GIS**), after service and trouble shooting can be reached on time without impacting your valuable business.





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



Smart options of special texture treatment and different color choice



User replaceable main cable for easy maintenance and trouble-shooting



User replaceable interface cable converter to use with various host machines

PCS	Typical 0.45 (0.26mm Resolution)	
Resolution	Maximum 0.127mm(5 mil), 0.1mm(4mil) capture is possible.	
Depth of Field	<ul style="list-style-type: none"> ▪ 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) 	
Scan Engine	Long range linear imager with 300 scan/sec scanning speed	
Power Consumption	<ul style="list-style-type: none"> ▪ Low Power Standby : Maximum 0.1mA(TBD) ▪ Regular Operation : Typical 150mA (without interface cable converter) 	
Readable Bar Code Symbologies	<ul style="list-style-type: none"> <li style="width: 50%;">▪ Codabar & NW-7 <li style="width: 50%;">▪ Code 128 & UCC/EAN-128 <li style="width: 50%;">▪ Code 39 & Full ASCII Code 39 <li style="width: 50%;">▪ Code 11 & Code 93 <li style="width: 50%;">▪ Code 32 & IATA <li style="width: 50%;">▪ German ITF Postal Code <li style="width: 50%;">▪ UPC/EAN/JAN/CAN w/Addendum <li style="width: 50%;">▪ Mainland China Postal Code <li style="width: 50%;">▪ Standard & Industrial 2 of 5 <li style="width: 50%;">▪ Telepen (Numeric & Full ASCII) <li style="width: 50%;">▪ Interleaved & Matrix 2 of 5 <li style="width: 50%;">▪ MSI/Plessey & UK/Plessey 	
Operating Modes	<ul style="list-style-type: none"> <li style="width: 25%;">▪ Toggle mode <li style="width: 25%;">▪ Flash mode <li style="width: 25%;">▪ Force mode <li style="width: 25%;">▪ Alternative mode <li style="width: 25%;">▪ Trigger mode <li style="width: 25%;">▪ Level mode <li style="width: 25%;">▪ Diagnostic mode <li style="width: 25%;">▪ Low power mode 	
Host Interfaces	Lite Version	<ul style="list-style-type: none"> ▪ Dedicated PC/XT, PC/AT, PS/2 keyboard wedge : FBC-6820 ▪ Dedicated standard RS-232 serial interface : FBC-6830 ▪ Dedicated USB keyboard interface : FBC-6840
	Gold Version	<ul style="list-style-type: none"> ▪ IBM PC/XT, PC/AT, PS/2 keyboard wedge ▪ Generic PC/AT and PS/2 keyboard direct-link ▪ Generic Notebook PC keyboard direct-link ▪ Apple MAC and Power MAC ADB keyboard wedge & direct-link ▪ Standard/TTL RS-232 peer-to-peer serial interface ▪ Standard/TTL RS-232 serial wedge ▪ Pseudo (Inverted) RS-232 serial interface ▪ Laser emulation & Wand emulation ▪ Cino OmniKey & VersaNet direct-link ▪ IBM SourOne keyboard wedge & serial interface ▪ USB keyboard direct-link ▪ IBM ThinkPad keyboard wedge & direct-link
	Jade Version	<ul style="list-style-type: none"> ▪ All host interfaces of Gold model are available for Jade model. ▪ IBM PS/55 & PS/V keyboard wedge ▪ Hitachi Flora KB1100 & KB3100 keyboard wedge ▪ DOS/V keyboard wedge & direct-link ▪ Fujitsu FMV keyboard wedge ▪ NEC NX notebook keyboard direct-link ▪ NEC PC-98xx keyboard wedge ▪ Kana-key detection is available for several host interfaces.
	Diamond Version	<ul style="list-style-type: none"> ▪ All host interfaces of Jade model are available for Diamond model. ▪ Wyse, DEC, IBM, and Bull terminal keyboard wedge ▪ Various OCIA interfaces & IBM 4683/4694 interface ▪ Diamond model only available for OEM/ODM request.
	Universal Model -	<ul style="list-style-type: none"> ▪ FBC-6820 ▪ FBC-6830 ▪ FBC-6840 ▪ FBC-6860 (Gold) ▪ FBC-6870 (Jade) ▪ FBC-6880 (Diamond)
Configuration Setup	<ul style="list-style-type: none"> ▪ Bar code programming manual ▪ Windows utility - FuzzyScan PowerTool (Universal models only) 	
Data Editing	<ul style="list-style-type: none"> ▪ Condensed DataWizard via bar code programming manual ▪ Full-feature DataWizard via FuzzyScan PowerTool (Universal models only) 	
Special Features	Built-in flash memory for Field Upgrade via FuzzyScan PowerTool (Available for all Universal models)	
Cable Structure	<ul style="list-style-type: none"> ▪ Lite model : Dedicated main cable with specified connector ▪ Universal model : Universal main cable to use with various cable converters 	

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