



Extended-range, Low-power Cost-effective Bar Code Reader

- From high resolution contact reading to **Extended-range** bar code capture capability
- Extremely low, **45mA**, power consumption for power-sensitive applications
- 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-3000 series CCD bar code reader has set up a new standard as the best cost-effective data capture solution in the world. Equipped with innovative Extend-range and Low-power CCD scan engine, not only non-contact reading is made with minimized power consumption, but also provides 4 mil bar code capture capability.

With more than 200 sophisticate programmable parameters and the Universal Interface feature, one single unit of the FBC-3000 can work with more than 60 different host machines through various user-replaceable interface cable converters to meet any requirements. Unqie NeuroFuzzy decoding engine drives FBC-3000 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-3000 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.

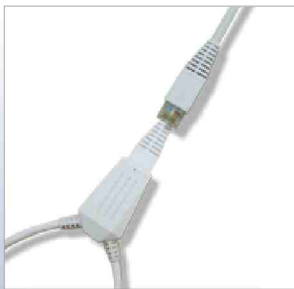




Both 60mm and 80mm width models are available for user's choice.



Embedded NeuroFuzzy decoding engine to read distorted barcode



User replaceable interface cable converter to use with various host machines



Capable of ThinkPad, Notebook PC, ADB and USB keyboard direct-link

PCS	Typical 0.45, Maximum 0.3 (0.26mm Resolution)	
Resolution	Typical 0.127mm(5 mil), Maximum 0.1mm(4 mil), (Code 39, PCS=0.9)	
Depth of Field	<ul style="list-style-type: none"> 0.127mm (5mil) resolution, upto 1 inch (Code 39, PCS=0.9) 0.5mm (20mil) resolution, up to 4-5 inches (Code 39, PCS=0.9) 	
Scan Engine	Low power CCD sensor with 100 scan/sec scanning speed	
Power Consumption	<ul style="list-style-type: none"> Low Power Standby : Maximum 0.1mA Regular Operation : Typical 45 ~ 50mA (without interface cable converter) 	
Readable Bar Code Symbologies	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Toggle mode Flash mode Force mode Alternative mode Trigger mode Level mode Diagnostic mode Low power mode 	
Host Interfaces	Lite Version	<ul style="list-style-type: none"> Dedicated PC/XT, PC/AT, PS/2 keyboard wedge : FBC-3620/3820 Dedicated standard RS-232 serial interface : FBC-3630/3830
	Gold Version	<ul style="list-style-type: none"> IBM PC/XT, PC/AT, PS/2 keyboard wedge Compaq, HP Vectra PC keyboard wedge Generic PC/AT, PS/2 keyboard direct-link Generic Notebook PC keyboard direct-link Apple MAC & 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
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 	