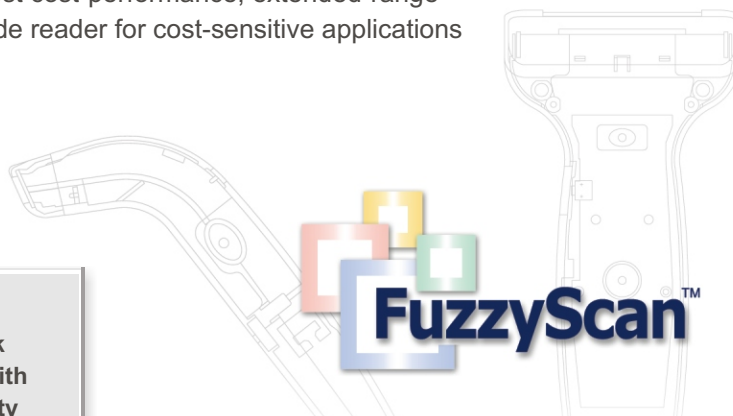


FBC-3000 Series

The best cost-performance, extended-range bar code reader for cost-sensitive applications



- Highly intelligent DynaTrack system to read bar codes with poor printing contrast quality
- From high resolution contact reading to Extended-range bar code capture capability
- 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.Net, capable of performing on-screen configuration, program upgrade, and on-line diagnosis
- Embedded outstanding DataWizard to meet most data editing requirements

The all new FuzzyScan FBC-3000 series CCD bar code reader, DynaTrack, has set up a new standard as the bestcost-performance ratio solution for the data capture application.

Equipped with the innovative DynaTrack (patent pending) system , the FBC3000 automatically capture the best possible barcode image through intensive controls among the illumination, image capture, and image processing systems.

The famous Neuro Fuzzy decoding platform is now further enhanced by the DynaTrack sysstem 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 FBC3000 DynaTrack series the best performer among its classes.

To fit in wide-spread host systems in the field, the FBC3000 DynaTrack series are designed with universal interfacs feature. Through easy menu set up and cable change , the FBC3000 DynaTrack series can instantly be switched from one host to the. Other different one.

This feature has been proofed to save more than 50% inventory capital investment for corporate users where ivarious host systems are used.

While continuously adding new functions and features, PC Worth never leaves our worldwide partners aside. Via the most advanced electronic technology, the FuzzyScan family has been implemented with flash memory for years. Teamed with the most user-friendly Windows based software utility, the FuzzyScan PowerTool, in the worldwide AIDC industry, every single unit of the FBC3000 DynaTrack used in any place in the world can be upgraded with our most recent release easily via simple upgrade tool set. This is just part of the long term commitment we made to support our products worldwide..

The all new FuzzyScan FBC3000 series with DynaTrack, the best choice for serious bar code reader users!





FBC-3000 Series Specification Highlights



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



Embedded NeuroFuzzy decoding engine to read distorted bar code



User replaceable interface cable converter to use with various host machines



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

Optical

PCS	Typical 0.3 (0.26mm Resolution)	
Resolution	Typical 0.1mm(4 mil), Maximum 0.076mm(3 mil), (Code 39, PCS=0.9)	
Depth of Field	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	Dynatrack with 200 scan/sec scanning speed	
Readable Bar Code Symbolologies	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	

Operational

Operating Modes	Toggle mode Trigger mode	Force mode Diagnostic mode	Flash mode Level mode	Alternative mode Low power mode
Host Interfaces	Lite Version	Dedicated PC/XT, PC/AT, PS/2 keyboard wedge : FBC-3620/3820 Dedicated standard RS-232 serial interface : FBC-3630/3830		
Lite Model - FBC-3620/3820 FBC-3630/3830 Universal Model - FBC-3660/3860 (Gold) FBC-3670/3870 (Jade) FBC-3680/3880 (Diamond)	Gold Version	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	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	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	Bar code programming manual Windows utility - FuzzyScan PowerTool.NET (Universal models only)			
Data Editing	Condensed DataWizard via bar code programming manual Full-feature DataWizard via FuzzyScan PowerToo.NET1 (Universal models only)			
Special Features	Built-in flash memory for Field Upgrade via FuzzyScan PowerTool.NET (Available for all Universal models)			
Cable Structure	Lite model : Dedicated main cable with specified connector Universal model : Universal main cable to use with various cable converters			

Electronical

Power Consumption	Low Power Standby : Maximum 1mA Regular Operation : Typical 100mA (without interface cable converter)
-------------------	--

- Specifications are subject to change without notice. All product and company names are trademarks, service marks or registered trademarks of their respective owners.
- Copyright 2002-2006 PC Worth Int'l Co., Ltd. - Cino Group, all rights reserved.

PC WORTH INT'L CO., LTD.

18F, NO.100, HSIN-TAI-WU RD., SEC.1, HSI-CHIH,
TAIPEI, TAIWAN, 22147, R.O.C.

TEL: 886-2-2696-2559 FAX: 886-2-2696-2560

PC Worth Int'l is an ISO 9001 UKAS, registered company, as scope definitions apply.



Doc No. DBR-A50304-001

cino