BACHDUY TECHNOLOGY CO., Ltd.,
Address: 676/13 Le Quang Dinh Str., Ward 1, Dist Go Vap, HCMC
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Bank Account: 2034 85 179 - ACB Phan Van Tri Branch, Tax code; 0313 121 940

BLUEBIRD EF 500 iBio

The Proven Innovation of Enterprise Mobility

Durable and Scratch Resistant

EF500 iBio's compact, lightweight design incorporates Bluebird's proprietary TankSmith™ technology. The 5-inch high definition multi-touch display is exceptionally resistant to scratches and deep chips.

Ergonomic, Single-handed Operation

With a weight of only 302 grams, EF500 iBio is ergonomically designed for comfortable single-handed operation.

1D and 2D Scanning

The built-in bar code scanner rapidly reads 1-D and 2-D bar codes and it also has a 8 MP camera for taking pictures and capturing signatures.

Full Voice Capabilities with Push to Talk

EF500 iBio comes with full voice capabilities; including noise cancelling, speakerphone, and push to talk that enable more efficient communication among employees, whether it is one-to-one or one-to-many.

Efficient Power Management

EF500 iBio uses several power saving technologies to ensure it will run for the entire work shift.

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Specifications

Description	Parameters
PERFORMANCE CHARACTERISTICS	
CPU	Quad Core Processor 1.2GHz
OS	Android 6.1
MEMORY	2GB RAM/16GB Internal Memory
INTERFACE	Docking connector; 1 microUSB port
COMMUNICATION OPTIONS	
WWAN RADIO	LTE/HSPA+/HSPA/UMTS, EDGE/GSM/GPRS
WLAN RADIO	802.11 a/b/g/n/d/h/i
WPAN RADIO	Bluetooth Support
DATA CAPTURE	
RFID	ISO 15693 13.56 MHz Compa ble standards:
	ISO/IEC14443-4 Type A & B, MIFARE (Classic 1K and 4K , DESFire, MIFARE Plus),
	NFC Forum (tag type 1, 2 , 3, 4)
CAMERA	8Mega Pixel Auto Focus Camera with LED Flash;
BARCODE SCANNER	The built-in imager 1D / 2D
PHYSICAL CHARACTERISTICS	
DIMENSIONS	203.7 x 82.3 x 21.05 mm
WEIGHT	302g
Display & Touch	5-inch Display
Battery	User replaceable Battery
	Standard: 3.8V, 3200 mAh / Extended: 3.8V, 6400 mAh
EXPANSION SLOT	Customer-accessible MicroSD
SIM/SAM SLOT	1 SIM (WWAN Only)
AUDIO	VoWWAN; VoWLAN; PTT ready; Dual Microphone with Noise Cancella on, Stereo Ear jack](3.5mm),
	Speaker Available
GPS	Integrated A-GPS, GLONASS
Sensors	Ambient light, Proximity, Gyroscope, Accelerometer, Magnetic
USER ENVIRONMENT CHARACTERISTICS	
DURABILITY	TankSmith™ Technology; IP65 Sealing, 1.5m Drop
	MIL-STD 810G Method 501.5 / 502.5 / 507.5 /516.6 /514.6 /503.5
OPERATING TEMP	-20℃ to 60℃

STORAGE TEMP	-25℃ to 70℃
HUMIDITY	95% non-condensing
FINGERPRINT SCANNER	
CERTIFICATIONS	FIPS PIV IQS / ISO 19794-4 : 2011 , MINEX & FIPS 201 complaint algorithms, STQC, Fake Finger Detetion
SECURITY	FIPS 140-2 Level 2, Data is encrypted
SENSOR TYPE	OPTICAL – CBM-E3, MSO 1300 E3 Morpho
FEATURE EXTRACTION	Propetary, ISO 19794-2, ANSI 378
FAKE FINGER DETECTION	Fake Finger Detetion
ACCESSORIES	
CRADLE (1 SLOT)	1 Device Charging , Includes 1 Spare Ba ery Charging. Adaptor 9V / 3A
CRADLE (4 SLOTS)	4 Device Charging , Includes 4 Spare Ba ery Charging. Adaptor 9V /10A
USB CHARGER	Micro USB cable, 5V / 2A
VEHICLE CHARGER	Vehicle Mount Charger 5V / 2A , Vehicle Holder
ETC.	Stylus Pen, Hand Strap, Cover Pouch