



the desired function for experts

Touch Mobile Computer

EF500 | EF500R
with fingerprint technology



A true masterpiece that captures the essence of the all touch technology and intelligent fingerprint verification. This mission-critical touch mobile computer brings enterprise-class mobility, industry-specific ruggedness and global standard authentication for daily business use.

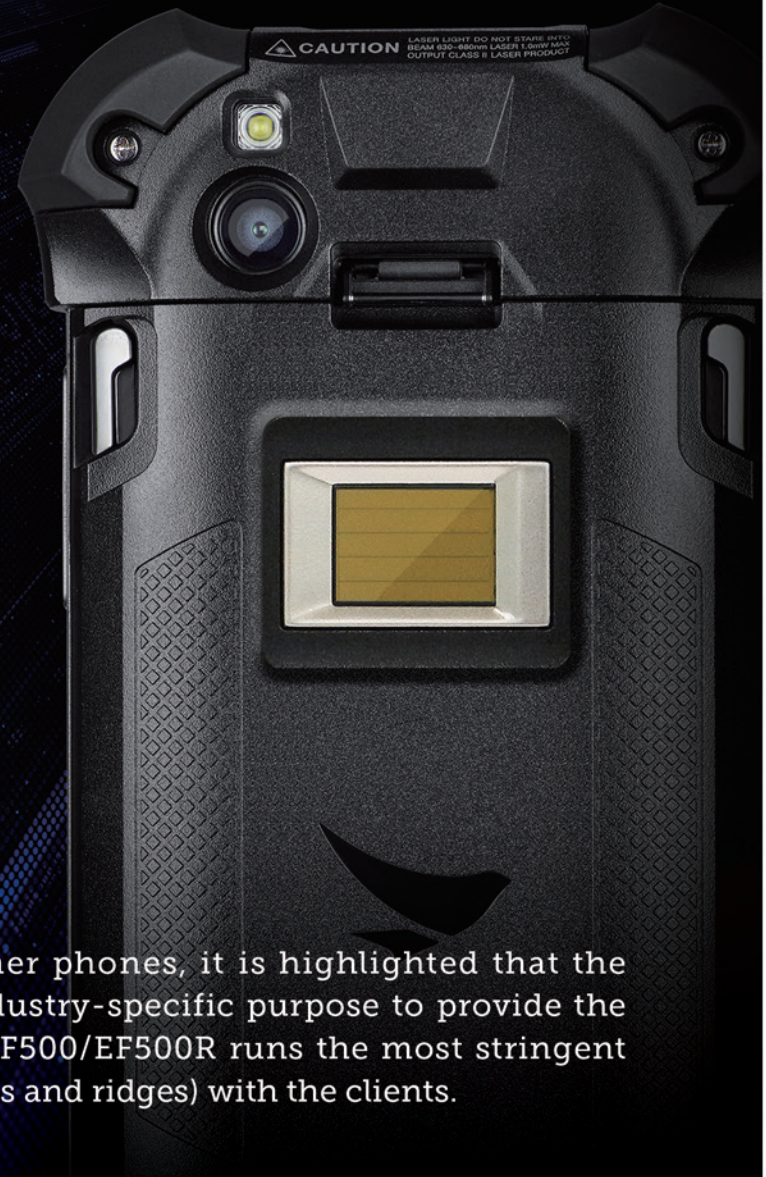




After an intensive 10 year long R&D endeavor, Bluebird is proud to present you the EF500 / EF500R : the pinnacle of a rugged handheld computer. As a demonstrated market leader, Bluebird is known for innovating ahead of the consumer market and have introduced the all touch technology before consumer smartphones took advantage of the advancement.

with fingerprint technology

Unlike the ordinary fingerprint verification of consumer phones, it is highlighted that the fingerprint verification of EF500/EF500R fits into the industry-specific purpose to provide the desired function for experts. The biometric scanner of EF500/EF500R runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges) with the clients.





Correct fingerprint verification is strictly demanded by distribution, financial, healthcare, and law-enforcing public sectors. The biometric scanner of EF500/EF500R runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges).

Bluebird is one of technological innovators ahead of the industrial biometric identification device and has introduced the fingerprint technology for long. It is very fast and provides high recognition with a light finger touch.



These are daily requirements you carry out your mission



- fingerprint verification
- multi OS support
- TankSmith™ ruggedness
- slim form factor
- extended battery, longer battery cycle
- simple and easy PTT (Push-To-Talk) communication
- lightning fast data capture
- large display, equipped for industrial purposes
- excellent communication and network connectivity
- optimized camera for industrial demands

Bluebird's fingerprint technology for experts



for experts

Unlike the ordinary fingerprint verification of consumer phones, it is highlighted that the fingerprint verification of EF500/EF500R fits into the industry-specific purpose to provide the desired function for experts



full grasp on the global certificates

the EF500/EF500R with fingerprint identification has achieved a competitive R&D consequence and obtained various global certificates.



ahead of the industrial biometric identification

Bluebird is one of technological innovators ahead of the industrial biometric identification device and has introduced the fingerprint technology for long.



fast and accurate

It is very fast and provides high recognition with a light finger touch.



one of the most stringent scrutiny

the biometric scanner of EF500/EF500R runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges).



purpose-built

It is purpose-built to be appropriate for specific vertical markets such as distribution, financial, healthcare, and law-enforcing public sectors, etc.



The sixth master piece of over 10 years' endeavor

Touch Mobile Computer

EF500 | EF500R

After an intensive 10 year long R&D endeavor, Bluebird is proud to present you the EF500/EF500R : the pinnacle of a rugged mobile computer. As a demonstrated market leader, Bluebird is known for innovating ahead of the consumer market and has introduced the all touch screen technology before consumer smartphones took advantage of the advancement.

The excellent features of Bluebird EF500/EF500R touch mobile computers such as enterprise-class reliability, enterprise OS support, real-time access to data and fewer operational failures have resulted in a more productive workforce. The incorporation of these multiple technological advancements have established the EF500/EF500R as an indispensable tool in the industrial world.

Moreover, Bluebird is one of technological innovators ahead of the industrial biometric identification device and has introduced the fingerprint technology for long. Correct fingerprint verification is strictly demanded by distribution, financial, healthcare, and law-enforcing public sectors. On the very same note, the biometric scanner of EF500/EF500R runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges) with the clients. Unlike the ordinary fingerprint verification of consumer phones, it is highlighted that the fingerprint verification of EF500/EF500R fits into the industry-specific purpose to provide the desired function for experts. Along with its grasp on the global certificates, the EF500/EF500R with fingerprint identification has achieved a competitive R&D consequence and a good reputation. Secure your business by bringing this ultimate mobile computer into your growing industry.



Key features



fingerprint verification

Unlike the ordinary fingerprint verification of consumer phones, it is highlighted that the fingerprint verification of EF500/EF500R fits into the industry-specific purpose to provide the desired function for experts. The biometric scanner for EF500 runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges). It is also very fast and provides high recognition with a light finger touch. Moreover, it simplifies complex identification matters such as addressees' identification, verification of ordinary citizens, and authentication of end-users. It obtained various global certificates : STQC(Standardization Testing and Quality Certification) from India government, IPS 201(Personal Identity Verification of Federal Employees and Contractors) from US NIST, FBI PIV IQS(FBI Personal Identity Verification Image Quality Specifications) from US FBI.

Expand operational security with Bluebird's fingerprint verification tools - EF500/EF500R with fingerprint technology.



excellent communication and network connectivity

Whether indoors or outdoors, the EF500 provides exceptional network connectivity with a wide range of radio frequencies and Bluetooth capabilities. With WWAN communication capabilities supporting LTE or WLAN 802.11 a/b/g/n/d/h/i as well as Bluetooth 4.0 LE, be assured in knowing that Bluebird has you covered wherever you go.



multi OS support

The EF500 runs on the latest Android 5.1(Lollipop) or Windows Embedded 8.1 Handheld, Windows 10 IoT Mobile Enterprise. Customized OS support by Bluebird's dedicated team will guide you from installation phase unto maximum work capacity to serve you with the most reliable environment for your business to flourish.



slim form factor

Weighing only 260g (330g with the extended battery), this device has been designed ergonomically to ensure comfort even after prolonged use. It also fits right in one hand making the EF500 perfect for mobile operations.



lightning fast data capture

The EF500's receptive scanners allow high recognition rate and is able to capture and process data at rapid speed. Additionally, all the integrated scanning components offer a wide range of data capturing options, resulting in faster workflow for your staff.



simple and easy PTT (Push-To-Talk) communication

Make real-time One-to-One and One-to-Multiple communications over the Internet with the accessible PTT function. The device produces high definition sound and crystal clear audio with noise canceling technology, giving your staff more communication options and improving their work performance.



TankSmith™ ruggedness

Bluebird's products guarantee top-notch quality by incorporating the proprietary TankSmith™ technology. All components are designed with industrial use in mind and have been tested in the field to eliminate any possible operational failures. Along with solid particle and liquid ingress protection, the EF500 is purpose-built to withstand rigors of harsh industrial environments.



extended battery, longer battery cycle

The EF500's extreme power saving design takes full advantage of a low power consumption processor without sacrificing performance. Use either the standard (3,200mAh) or extended (6,400mAh) battery and avoid down time with the Hot Swap function.



CORNING® GORILLA® GLASS 3

large display, equipped for industrial purposes

Built to last in tough environments, the EF500's display has diverse features to make your operation a smooth and convenient process. Featuring a 5" HD display, it is encased in Corning® Gorilla Glass® 3 with NDR (native damage resistance) and anti-fingerprint sealing. Furthermore, it has sun glare protection and can be operated equally well with a stylus pen or industrial gloves.



optimized camera for industrial demands

The EF500 is equipped with an auto focusing 13.0 megapixel camera, providing great performance in speed, accuracy and high image quality that industrial imaging professionals expect.

Accessories

A variety of accessories allows expandability of work and a quick reaction to individualized needs of customers.



Cradle & Charging

Kit series

Direct Device Charging Kit



Includes Power Adapter and Country Specific Adapter Plug
*Requires Micro USB Cable

1 Slot Cradle Kit Includes



Includes Power Adapter and Country Specific Adapter Plug

4 Slot Cradle Kit Includes



Cradle



1 Slot Cradle



4 Slot Cradle

Charger



Vehicle Charger



Power Adapter for Direct Charging

Adapter



1 Slot Cradle Power Adapter
*Requires Country Specific AC Power Cord



4 Slot Cradle Power Adapter

Adapter Plug



Korea



UK



Euro



North America



China



Australia



Brazil

AC Power Cord



Korea



Japan



UK



Euro



North America



China



Australia



Brazil

Accessories

Battery



Standard Battery (4500mAh)
Standard Battery Cover

Cable



Holster



Screen Guard



Soft Plastic Screen Guard (High Glossy)
Soft Plastic Screen Guard (Anti-Fingerprint)

Handstrap



TOUCH MOBILE COMPUTER



EF500



EF500R

INDUSTRIAL CLASS FEATURES

multi OS support	Android 5.1 & Windows 10 IoT Mobile Enterprise	Android 5.1 & Windows 10 IoT Mobile Enterprise
TankSmith™ ruggedness	full ruggedness	full ruggedness
large display, equipped for industrial purposes	5" Gorilla Glass 3 wet touch	5" Gorilla Glass 3 wet touch
light yet strong	IP67	IP67
slim form factor & ergonomic	O	O

USER-FOCUSED FEATURES

extended battery, longer battery cycle	standard/extended hot swappable	standard/extended hot swappable
excellent communication and network connectivity	O	O
lightning fast data capture	1D/2D imager	1D/2D imager
simple and easy PTT (Push-To-Talk) communication	O	O
optimized camera for industrial demands	front/rear with LED flash	front/rear with LED flash
comprehensively extended functionality	O	O

FINGERPRINT SCANNER

Sensor Coating	FIPS 201 PIV certified (gold coating)
Sensor Type	Capacitive
Fingerprint Image	12.8 x 18.0mm (256 x 360 pixels)
Ingress Protection	P65 (water/dust protection)



Bluebird Inc. (Corporate Headquarters)

SEI Tower 12-14F, 39 Eonju-ro 30-gil, Gangnam-gu, Seoul, Korea. Postal#06292

Phone. +82-1577-0778

Fax. +82.2.6499.2242

www.bluebirdcorp.com

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