The sixth master piece of over 10 years' endeavor

Touch Mobile Computer

EF500 | EF500R
with fingerprint technology

Business Ready · Durability · Stone Wall Security · multi OS support · fingerprint verification

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.

BLUEBIRD
Spread your wings

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.

These are daily requirements you carry out your mission

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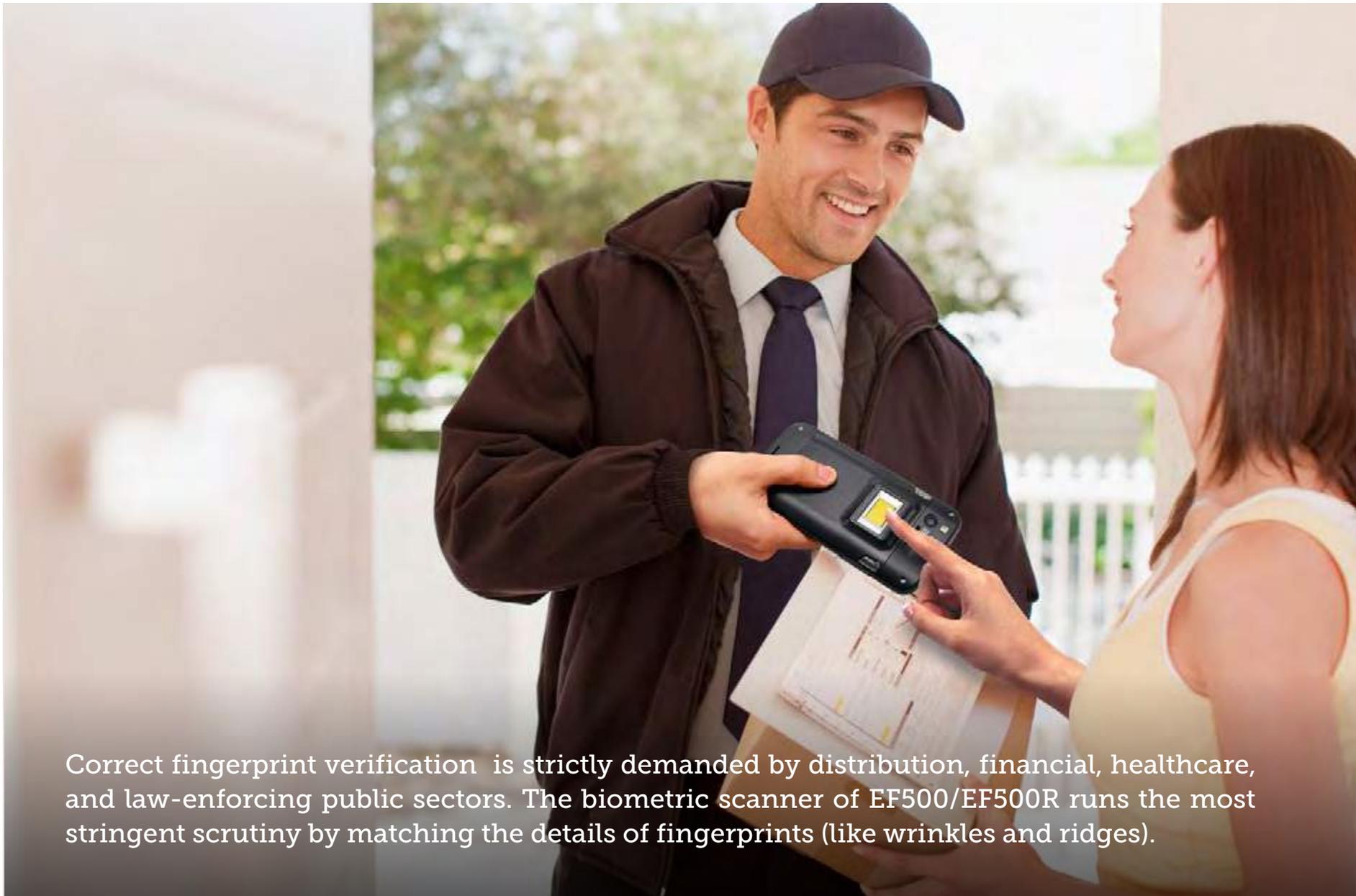
Correct fingerprint verification is strictly demanded by distribution, financial, healthcare, and law-enforcing public sectors. The biometric scanner of EF500/EF500R runs the most stringent scrutiny by matching the details of fingerprints (like wrinkles and ridges).

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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.

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

fingerprint verification

Expand operational security with Bluebird's fingerprint verification tools - EF500/EF500R with fingerprint. It simplifies complex identification matters such as addressees' identification, verification of ordinary citizens, and authentication of end-users. The biometric scanner for EF500 runs the most stringent standard by matching the details of fingerprints (like wrinkles and ridges). It is the area type of fingerprint verification with a slight finger touch. 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.

Accessories

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

Main Body ———

Barcode Scan Window

Cradle Charge

Cradle

Cradle & Charging

Kit series

Direct Device Charging Kit

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

1 Slot Cradle Kit Includes

Includes Power Adapter and Country
Specic 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 Specic 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   Cable   Holster   Screen Guard   Handstrap

Standard   Standard
Battery   Battery
(4500mAh)   Cover

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

BLUEBIRD
Spread your wings

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Products guide notice This Bluebird product guide provides an overview of Bluebird product coverage with industrial mobile devices, hardware packages and software support. It doesn't include any other company' terminals, solutions and service. Bluebird may update the content of the guide from time to time. The new version of this guide and policy will automatically apply once partners renew their technical support and Bluebird support package, etc.

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