

HIGH PERFORMANCE RFID UNLOCKS YOUR BUSINESS PRODUCTIVITY AND PROFIT

Get the speed and accuracy you need for today's faster pace of business



To compete effectively in today's business environment, you need to be more responsive, more nimble and more efficient. To protect ever-thinner profit margins, you need more data, more accurate intelligence and more streamlined processes in less time using less money. Your supply chain is more global and complex, so you need more real-time, error-free inventory and tracking processes to maintain accountability and productivity.

Enterprises from retail to healthcare/pharmaceuticals are turning to automated RFID systems to gather the business-critical asset and tracking data they need to improve processes, productivity, and profitability. As the need grows for faster, more reliable data collection in hectic business environments, so does the demand for higher performance RFID hardware. Zebra is meeting that demand with a new standard in business-class RFID performance – the FX7500 Fixed RFID Reader.

KEY BENEFITS **Zebra Designed Radio Technology**

The FX7500's radio technology is designed by Zebra specifically for the real-world RFID challenges you face every day. The FX7500 is best-in-class, ready to deliver the fast, accurate and dense read capability demanded by today's business.

Flexible Architecture

We teamed the FX7500's new radio technology with a more flexible new architecture that is easier to upgrade, easier to expand, easier to configure and easier to deploy than any we have offered before.

THE CHALLENGE

The demands of density and Dynamic Application Environments

RFID has proven its value and today is being implemented along nearly every link of the global supply chain. Now you have more opportunities than ever to take advantage of real-time, fully automated data capture that requires no line of sight and virtually no human intervention – and in so doing, make vast improvements in your organization's efficiency and productivity.

But the growing uptake of RFID isn't without challenges. Dense read environments create more deployment issues, more interference issues, and more accuracy issues. Every busy portal or moving palette of tagged products can present hundreds, even thousands, of data points to distinguish, capture and record within seconds. The faster and more reliably you can gather accurate data, the more quickly you can reach your strategic goals. That means you need RFID performance that can keep up with your pace of business.

THE SOLUTION

Build your rfid system around a best-in-class fixed reader

Start with a fixed RFID reader that is expressly designed for today's business environment. It works like a business machine, with software-based adaptive intelligence that automatically senses and optimizes reader operation to its environment. With its compact footprint and unobtrusive styling, it looks at home in any environment.

It performs reliably and consistently, with high sensitivity, superior interference rejection and echo cancellation, at all times in the most demanding real world situations. Finally, to protect your investment in RFID, your business-class fixed RFID reader must offer flexible, cost-effective deployment options and simple software-driven upgrades.

When you build your RFID solution around the right reader, you can keep track of the people and products that matter most to you – and save valuable time and money in the process. The reliable foundation for today's demanding RFID solution is the FX7500 Fixed RFID Reader.



Zebra FX7500 Fixed RFID Reader

BETTER PERFORMANCE. BETTER VALUE.

The faster your business moves, the more your business-critical applications will demand from an RFID reader. And these days, no one is slowing down their pace of business.

RFID begins with the radio. So that's where Zebra began with the FX7500 Fixed RFID Reader. We created a new RFID radio technology, purposely designed from the ground up for faster, more accurate read rates, and more consistent performance even in challenging environments. This software-based radio technology effectively future-proofs your RFID investment by delivering flexibility to implement future upgrades and improvements with minimal investment. Then we paired that radio with a new, more flexible Linux-based network architecture that integrates the tools and open-standard interfaces you need for fast, easy deployment with your RFID and back-end applications.

The result is a fixed RFID reader that sets a new performance standard – delivering peak performance at all times with excellent reader sensitivity and better interference rejection, at a lower cost per read point. It works better. It costs less.

EASY TO DEPLOY, SIMPLE TO MANAGE – IN ANY ENTERPRISE

Everything about the FX7500 is designed to get your RFID plan off the drawing board and into your business environment, without delays, complications or unexpected costs.

Installation is simple. Hang the supplied bracket, then snap the reader in place. No outlet nearby? No problem. Integrated Power over Ethernet (PoE) lets you place the FX7500 where it is needed without installing extra outlets – ideal for large open areas. Once plugged into the network, devices are auto-detected; for most applications, pre-defined configuration files and a built-in testing tool let you simply verify that your FX7500 readers are up, running and ready to operate. Port configuration options let you deploy exactly the number of read points you need – no need for expensive overlaps.

For large scale global deployments, the FX7500 helps reduce costs by conforming out-of-the-box with major worldwide RFID standards and interfaces. A built-in USB host port with select third party adaptors provides easy wireless connectivity. Add the FX7500's AutoMac reader mode and third-party application hosting capabilities, and you have an unbeatable workhorse that adapts to multiple application environments – the ideal platform for your RFID solution. Defense grade security with support for TLS v1.2 and FIPS 140 provides the necessary authentication and encryption controls to address the risk of rogue readers, eavesdropping and ensuring overall safety of your data and communication with the reader.

FEATURES

All-new high performance radio technology

Higher sensitivity, improved interference rejection and echo cancellation means you get the best-in-class dense reader mode performance, up to 1200+ tags/sec in FM0 mode.

Integrated Power Over Ethernet (PoE), optically isolated GPIO, USB Client and Host ports with Wi-Fi and Bluetooth connectivity

All the tools you need for fast, easy deployment and simplified ongoing management of your RFID applications are built right into the FX7500 architecture.

2-port and 4-port reader configurations

More configuration options mean more flexibility to optimize your read field. Deploy precisely the number of read points you need for proper coverage, no more, no less, and reduce your TCO.

Plenum Area Rated

The FX7500 is approved and suitable for environmental air handling space installation, so it can operate effectively within walls and ceilings.

**The Zebra FX7500 –
A solution that works for business**

Regardless of the type of assets you use in your business, the FX7500 RFID Fixed Reader can help you automate and error proof your business processes, delivering a wealth of benefits to the enterprise:

- More accurate inventory and tracking – near 100% accuracy and faster data acquisition gives you the information you need to manage more efficiently
- Increased productivity – employees spend less time tracking down missing or misplaced equipment
- Improved asset maintenance and assured adherence to critical and routine maintenance procedures such as calibration and compliance
- Increased utilization – improvements in asset visibility and utilization reduce the need to purchase or lease spare parts and equipment
- Reduced capital and operational costs – the reduction in the loss of assets reduces the need to purchase and manage additional assets



WHY ZEBRA?

Zebra Technologies Corporation is a global leader respected for innovation and reliability. Zebra offers an extensive range of asset-tracking technologies incorporating mobile computing, data capture, barcode, wireless LAN, RFID, location systems and Zatar™, the cloud-based Internet of Things (IoT) platform. These technologies make businesses as smart and connected as the world we live in. Zebra's tracking and visibility solutions transform the physical to digital, creating the data streams businesses need in order to simplify operations, know more about their business, and empower their mobile workforce.

Zebra's products and solutions are used around the world by industries including healthcare, retail, transportation and logistics, manufacturing and sports—for a variety of applications from improving patient safety; to eliminating checkout lines with mobile devices; to streamlining warehouse operations and adding a new dimension to professional sports and entertainment with real-time information.

FOR MORE INFORMATION ON THE FX7500 RFID FIXED READER, PLEASE VISIT US ON THE WEB AT WWW.ZEBRA.COM/FX7500 OR ACCESS OUR GLOBAL DIRECTORY AT WWW.ZEBRA.COM/CONTACT.