



ZEBRA

RFID At-a-Glance



**MAXIMIZE THE BENEFITS OF RFID WITH
ZEBRA'S COMPLETE RFID PRODUCT PORTFOLIO**



Everything you need to get the most out of your RFID investment — all from the leader in RFID

RFID solutions give you the real-time asset visibility you need to streamline operations, maximize asset utilization and error-proof asset-related data. Why choose Zebra for your RFID solution? Only Zebra provides end-to-end solution simplicity, with everything you need to implement RFID in your organization — from well-tested industry-leading infrastructure to the expertise you need to maximize the benefits of RFID in your enterprise. We offer:

Printers for every tag need

Every RFID solution starts with RFID tags. With our RFID printers, you can create whatever you need, from small item-level hang tags to case and pallet labels to photographic quality RFID-enabled identity cards. And with our advanced proprietary technologies, you can be sure that every tag you print is encoded with the right data.

RFID readers for every application

Whether you need handheld, handsfree or fixed RFID readers for industrial spaces or customer facing areas, we've got a reader that is just right for your environment.

Antennas to maximize RFID performance

With our complete portfolio of antennas, you can boost the performance of our RFID readers from the point-of-sale to the dock door.

Largest selection of stock RFID labels, tags and cards

Zebra offers the widest selection of in-stock RFID labels, tags and cards with options for general purpose, advanced and specialty use applications, in a variety of sizes and materials, using inlays from leading manufacturers.

Field proven industry-leading technology

Zebra has more fixed, handheld and portal RFID systems installed than any other RFID provider, so you get the peace of mind that comes from choosing RFID products that are well-tested in practically every industry. And with over 300 RFID technology patents that have allowed us to deliver many industry firsts, you can count on best-in-class advanced technologies that will maximize the performance of your RFID solution.

The expertise you need to maximize the benefits of RFID in your enterprise

We've spent decades deploying some of the world's largest and most successful RFID implementations across industries in some of the world's largest companies. In fact, Zebra has more fixed, handheld and portal RFID systems installed than any other RFID provider. The result? Our deep understanding of the challenges in your industry enables us to help you create and deploy a solution that will maximize the benefits of RFID in your enterprise — and the value of your investment.



RFID PRINTERS



When you choose Zebra

for your RFID printing needs, you get the industry-best encoding accuracy needed to ensure the right data is embedded in every tag. And whether you need to print high, mid or low volumes of item hang tags, case and pallet labels or RFID-enabled ID, loyalty or membership cards, we have a printer that is perfect for the job.



RFID Printers

High Performance Industrial RFID Printers

	ZE500R	ZT600 SERIES
		
PRODUCT DESCRIPTION	The ZE500 is designed for ease of use, service and integration, with a highly reliable engine that is ideal for mission critical print applications.	The ZT610 and ZT620 combine rugged durability and exceptional performance on a user-friendly, future-ready platform. These next-generation workhorses are designed to keep your critical operations running smoothly across a broad range of applications. Their adaptable design allows communications, media handling and other upgrades in the field.
GEOGRAPHIC AVAILABILITY*	NA, EMEA	NA, EMEA, APAC, LATAM
RFID CAPABILITIES	<ul style="list-style-type: none"> • UHF EPC Gen 2 tags • Print and encode short-pitch item-level tags, chip-based serialization for unique items and block permalocking of user memory. 	<ul style="list-style-type: none"> • UHF EPC Gen 2, ISO/IEC 18000-63 and RAIN RFID tags
MAX. PRINT WIDTH	4.09 in./104 mm	ZT610: 4.09 in./104 mm ZT620: 6.6 in./168 mm
MAX. PRINT SPEED @ RESOLUTION	12 ips @203 dpi 10 ips @300 dpi	14 ips @203 dpi 12 ips @300 dpi 6 ips @600 dpi
MEDIA HANDLING	Applicator Interface	Cutter, Full roll media rewind, Side loading
COMMUNICATIONS	Parallel, Serial, USB, Ethernet, 802.11 b/g	Parallel, Serial, USB, Ethernet, Gigabit Ethernet, 802.11ac, Bluetooth 4.0
DIMENSIONS	Width: 9.6 in./254 mm Depth: 14.6 in./379 mm Height: 11.8 in./300 mm Weight: 34 lbs./15.4 kg	ZT610: Width: 10.56 in./268.2 mm Length: 19.88 in./505 mm Height: 15.58 in./395.68 mm Weight: 50 lbs./22.7 kg ZD620: Width: 13.44 in./341.45 mm Length: 19.88 in./505 mm Height: 15.58 in./395.68 mm Weight: 57.4 lbs./26 kg
WARRANTY	1 year	1 year
SERVICE	Zebra OneCare	Zebra OneCare

* Check SolutionBuilder for country-specific availability
 APAC = Asia Pacific; EMEA = Europe, Middle East, Africa; LATAM = Latin America; NA = North America

RFID Printers

Mid-Range Industrial RFID Printers

ZT400 SERIES



ZT410 SILVERLINE



PRODUCT DESCRIPTION	The ZT410 and ZT420 printers deliver best-in-class print speed, connectivity options and management and support tools. These printers are optimized to print and encode labels for mid-to high volume applications.		The ideal integrated solution for on-demand RFID asset tagging for all surfaces, including metal and liquid filled containers. Zebra has partnered with Confidex to create the first solution to include an RFID printer specially designed to print and encode Silverline labels.
GEOGRAPHIC AVAILABILITY*	NA, EMEA, APAC, LATAM		NA, EMEA, APAC, LATAM
RFID CAPABILITIES	<ul style="list-style-type: none"> • UHF EPC Gen 2 tags • Print and encode short-pitch item-level tags, chip-based serialization for unique items and block permalocking of user memory. 		<ul style="list-style-type: none"> • UHF EPC Gen 2 tags Silverline labels. • Silverline Standard, Silverline Micro and Silverline Slim all surface RFID labels.
MAX. PRINT WIDTH	ZT410: 4.09 in./104 mm ZT420: 6.6 in./168 mm		ZT410: 4.09 in./104 mm
MAX. PRINT SPEED @ RESOLUTION	ZT410: 14 ips @ 203 dpi; 10 ips @ 300 dpi; 4 ips @ 600 dpi ZT420: 12 ips @ 203 dpi; 10 ips @ 300 dpi		ZT410: 14 ips @ 203 dpi
MEDIA HANDLING	Cutter, Peel with Liner Take Up, Full roll media rewind		N/A
COMMUNICATIONS	Parallel, Serial, USB, USB Host, Ethernet, 802.11 a/b/g/n, Bluetooth 2.1		Parallel, Serial, USB, USB Host, Ethernet, 802.11 a/b/g/n, Bluetooth 2.1
DIMENSIONS	ZT410: Width: 10.6 in./269 mm Depth: 19.5 in./495 mm Height: 12.75 in./324 mm Weight: 36 lbs./16.33 kg	ZT420: Width: 13.25 in./336.55 mm Depth: 19.5 in./495 mm Height: 12.75 in./324 mm Weight: 40 lbs./18.14 kg	Width: 10.6 in./269 mm Depth: 19.5 in./495 mm Height: 12.75 in./324 mm Weight: 36 lbs./16.33 kg
WARRANTY	1 year		1 year
SERVICE	Zebra OneCare		Zebra OneCare

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RFID Printers

Compact Desktop RFID Printers

ZD500R



PRODUCT DESCRIPTION

The ZD500R is ideal for space constrained areas, delivering advanced features in a compact and easy-to-use device. The ZD500R offers simple, one-touch printing and encoding, straight-forward loading and automatic RFID calibration, making it ideal in areas where technical support staff is not available.

GEOGRAPHIC AVAILABILITY*

NA, EMEA, APAC, LATAM

RFID CAPABILITIES

- UHF EPC Gen 2 tags
- Print and encode short-pitch item-level tags, chip-based serialization for unique items and block permalocking of user memory.

MAX. PRINT WIDTH

4.09 in./104 mm

MAX. PRINT SPEED @ RESOLUTION

6 ips @ 203 dpi
4 ips @ 300 dpi

MEDIA HANDLING

Cutter, Peeler

COMMUNICATIONS

Parallel, Serial, USB, Ethernet,
802.11 a/b/g/n, Bluetooth 3.0

DIMENSIONS

Width: 7.6 in./193 mm
Depth: 10.0 in./254 mm
Height: 7.5 in./191 mm
Weight: 4.9 lbs./2.2 kg

WARRANTY

1 year

SERVICE

Zebra OneCare

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RFID Printers

Mobile RFID Printers

ZQ520 RFID



PRODUCT DESCRIPTION	With the mobile ZQ520 RFID, you can create on-demand RFID labels when and where they're needed. Patented, military-grade design provides exceptional durability and reliability in the toughest environments. Supporting both Bluetooth and Wi-Fi communications, the ZQ520 is compatible with a wide range of mobile devices and is easy to setup and manage.
GEOGRAPHIC AVAILABILITY*	NA, EU, APAC
RFID CAPABILITIES	<ul style="list-style-type: none"> • Supports tags compatible with UHF EPC Gen 2 V2.0/ISO 18000-6C • Print and encode short-pitch item-level tags, chip-based serialization for unique items and block permalocking of user memory.
MAX. PRINT WIDTH	4.09 in./104 mm
MAX. PRINT SPEED @ RESOLUTION	Up to 5 in./127 mm per sec @ 203 dpi
MEDIA HANDLING	Dual-sided tear bar
COMMUNICATIONS	USB, Bluetooth 3.0, 802.11a/b/g/n
DIMENSIONS	Width: 6.1 in./155 mm Length: 2.6 in./67 mm Height: 6.2 in./158 mm Weight: 1.81 lb./ 0.82 kg
WARRANTY	1 year
SERVICE	Zebra OneCare

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RFID Printers

High Performance RFID Card Printers

ZXP SERIES 7



PRODUCT DESCRIPTION	ZXP Series 7 provides the capability to read and encode passive UHF cards. Zebra's patented antenna design provides advanced sensitivity and enhanced read rates and range for genuine Zebra UHF cards.
GEOGRAPHIC AVAILABILITY*	NA, EMEA, APAC, LATAM
RFID CAPABILITIES	<ul style="list-style-type: none"> • Gen 2 UHF RFID Encoder • Direct to card printing and encoding of cards • ISO/IEC-7810-2002 compliant
CARD SIZE	CR-80, ISO 7810 format
MAX. PRINT SPEED @ RESOLUTION	300 dpi/11.8 dots per mm
MEDIA HANDLING	<ul style="list-style-type: none"> • Single or dual sided printing • 200 card capacity feeder • 100 card output hopper
COMMUNICATIONS	USB, Ethernet, 802.11 b/g
DIMENSIONS**	Width: 27.5 in./699 mm Depth: 10.9 in./277 mm Height: 12.0 in./306 mm Weight: 26.9 lbs./12.2 kg
WARRANTY	2 years
SERVICE	Zebra OneCare

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** Dimensions shown for ZXP Series 7 non-laminator model.



When it comes to **handheld** and **hands-free RFID** readers, Zebra offers it all.

No matter what you need, we've got it. Choose from industrial rugged handheld and gun-style RFID readers for read intensive tasks in the warehouse, handheld readers suitable for your retail point of sale and sleds that can add RFID to just about any mobile device, including smartphones and tablets.

Handheld/Hands-Free RFID Readers

Hands-Free RFID Readers

DS9808-R



PRODUCT DESCRIPTION	The DS9808-R hybrid presentation imager is the first combination 1D/2D barcode scanner and RFID reader for hands-free and handheld data capture. In addition to UHF RFID tags, the DS9808-R delivers record swipe speeds for 1D and 2D barcodes, as well as the ability to capture images and signatures. It can also capture and parse the PDF417 barcodes on U.S. driver's licenses and other AAMVA compliant ID cards for auto-population of forms.
GEOGRAPHIC AVAILABILITY*	NA, EU countries and select countries in LATAM and APAC
OPERATING SYSTEM	N/A
CPU	N/A
MEMORY	N/A
EXPANSION SLOT	N/A
DISPLAY	N/A
KEYBOARD	N/A
SEALING	N/A
DROP SPEC	4 ft./1.2 m drops to concrete
TUMBLE TESTED	N/A
DATA CAPTURE	Gen 2 RFID tags; 1D/2D barcodes; Images and signatures
WIRELESS	N/A
WARRANTY	3 years
SERVICE	Zebra OneCare

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Handheld/Hands-Free RFID Readers

Handheld RFID Readers			
	MC3190-Z	MC9190-Z	WORKABOUT PRO 4
			
PRODUCT DESCRIPTION	The MC3190-Z is ideal for the retail storefront, carpeted business offices, hospitals as well as the warehouse and manufacturing production line. It offers lightweight ergonomics and an advanced Zebra RFID reader engine for fast read rates.	The MC9190-Z is a highly rugged RFID handheld reader for use in very demanding applications and environments. Designed for medium- to long-range RFID read applications, the MC9190-Z factor excels in virtually any environment, indoors or outdoors.	WorkAbout Pro 4 offers impressive modularity that lets you buy the features you need now, yet easily add practically any feature you can imagine, right in your own facility. Just swap end caps to add just about any type of RFID — LF, HF or UHF.
GEOGRAPHIC AVAILABILITY*	NA, EMEA, APAC, LATAM	NA, EMEA, APAC, LATAM	NA, EMEA, APAC, LATAM
OPERATING SYSTEM	Windows® Embedded Handheld 6.5	Windows® Embedded Handheld 6.5	Windows® Embedded CE6.0; Windows® Embedded Handheld 6.5
CPU	Marvell PXA320 @ 624 MHz	Marvell PXA320 @ 806 MHz	Sitara™ AM37x @ 1 GHz
MEMORY	256 MB RAM; 1 GB Flash	256 MB RAM; 1 GB ROM	514 MB; RAM 4 GB Flash
EXPANSION SLOT	N/A	Up to 32 GB SD/MMC card	Micro SD slot
DISPLAY	3 in. QVGA color touchscreen	3.7 in. VGA color with digitizer and backlight	3.7 in. VGA /QVGA color touchscreen
KEYBOARD	48-key alphanumeric	28, 43 and 53-key options	Alphanumeric; QWERTY, Numeric
SEALING	IP54; meets and exceeds MIL-STD 810F	IP64 (electronic enclosure, display and keypad)	IP65
DROP SPEC	4 ft./1.2 m across the operating temperature range	6 ft./1.8 m to concrete across the operating temperature range	5 ft./1.5 m to polished concrete
TUMBLE TESTED	500 1.64 ft./0.5 m tumbles at room temperature (1,000 hits)	2,000 3.2 ft./1 m tumbles at room temperature (4,000 hits)	N/A
DATA CAPTURE	EPC Class 1 Gen 2 DRM (DRM compliant up to 0.5W); 1D/2D barcodes; photos, documents	EPC Class 1 Gen 2 DRM (DRM compliant up to 0.5W); 1D/2D barcodes; photos, documents	LF, UHF and HF RFID; 1D/2D barcodes; photos; documents
WIRELESS	802.11a/b/g; WPAN Bluetooth® (regional dependent)	802.11a/b/g; WPAN Bluetooth® (regional dependent)	802.11a/b/g/n; WPAN Bluetooth®
WARRANTY	1 year	1 year	1 year
SERVICE	Zebra OneCare	Zebra OneCare	Zebra OneCare

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Handheld/Hands-Free RFID Readers

Handheld RFID Readers

MC3330R



MC3390R



PRODUCT DESCRIPTION

The MC3330R is designed for inventory, fulfillment and asset management applications. It offers superior RFID read performance and receiver sensitivity for the lightning fast and accurate capture of even the most challenging RFID tags, along with the ability to capture 1D and 2D barcodes with point-and-shoot simplicity. The MC3330R combines Zebra's rugged design with lightweight ergonomics for all-day comfort. And the large touchscreen, physical keypad and Android OS deliver a powerful and flexible platform to meet your RFID application needs today and tomorrow.

The long-range MC3390R brings a new level of efficiency and accuracy to inventory management, order fulfillment, cross-docking and other semi-industrial applications. It delivers superior RFID read range — more than 60 ft./18.2 m away — and best-in-class receiver sensitivity for greater read accuracy, along with an extra long-range barcode scanning option. The MC3390R is built for maximum uptime, yet is lightweight with the right ergonomics for all-day comfort. And the large touchscreen, physical keypad and Android OS deliver a powerful and flexible platform to meet your long-range RFID application needs today and tomorrow.

GEOGRAPHIC AVAILABILITY*

NA, EMEA, APAC, LATAM

NA, EMEA, APAC, LATAM

OPERATING SYSTEM

Android 7.0 (Nougat)

Android 7.0 (Nougat)

CPU

Qualcomm 8056 1.8 GHz hexa-core

Qualcomm 8056 1.8 GHz hexa-core

MEMORY

4 GB RAM/32 GB Flash

4 GB RAM/32 GB Flash

EXPANSION SLOT

Up to 32 GB Micro SD card

Up to 32 GB Micro SD card

DISPLAY

4 in. WVGA color touchscreen

4 in. WVGA color touchscreen

KEYBOARD

29-key Numeric, 38-key Function Numeric, 46-key Alpha Numeric

29-key Numeric, 38-key Function Numeric, 46-key Alpha Numeric

SEALING

IP54

IP54

DROP SPEC

5 ft./1.5 m to concrete over the operating temperature range

5 ft./1.5 m to concrete over the operating temperature range

TUMBLE TESTED

1,000 1.6 ft./0.5 m tumbles

1,000 1.6 ft./0.5 m tumbles

DATA CAPTURE

EPC Class 1 Gen2; EPC Gen2 V2 UHF RFID tags; 1D/2D barcodes

EPC Class 1 Gen2; EPC Gen2 V2 UHF RFID tags; 1D/2D barcodes

WIRELESS

802.11 a/b/g/n/ac/d/h/i/k/r/w; WPAN Bluetooth®

802.11 a/b/g/n/ac/d/h/i/k/r/w; WPAN Bluetooth®

WARRANTY

1 year

1 year

SERVICE

Zebra OneCare

Zebra OneCare

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Handheld/Hands-Free RFID Readers

Handheld Sled RFID Readers

RFD2000 FOR TC20



RFD8500



PRODUCT DESCRIPTION

The RFD2000 is a compact, lightweight sled that easily adds UHF RFID tag reading, writing and locationing capability to the RFID-ready version of the Zebra TC20 touch mobile computer. Superior ergonomics deliver comfort, while the modern design fits into the most design-conscious stores. Workers can just slip the RFD2000 onto the TC20 whenever RFID is needed. Three modes meet the needs of a wide variety of applications — Geiger-counter mode for item finding, triggerless mode for taking inventory and the ability to write barcode data to tags. *NOTE: The RFD2000 is designed exclusively for the Zebra RFID-ready TC20 Touch Computer; TC20 sold separately.*

With the RFD8500, you can easily and cost-effectively add high-performance UHF RFID and 1D/2D barcode scanning to the mobile devices of today and tomorrow. Just pair the Bluetooth-enabled RFD8500 with a compatible Zebra or third-party mobile device, tablet, or smartphone and you're ready to go. You can attach the mobile device to the RFD8500 sled for a complete one-piece solution — or workers can put the mobile device in a pocket and use the RFD8500 in standalone mode. Whether workers are capturing RFID tags or barcodes, the RFD8500 offers the high performance needed to maximize workforce efficiency and productivity. *NOTE: mobile computer sold separately.*

GEOGRAPHIC AVAILABILITY*

NA, EMEA, APAC, LATAM

NA, EMEA, APAC, LATAM

OPERATING SYSTEM

N/A

N/A

CPU

N/A

N/A

MEMORY

N/A

N/A

EXPANSION SLOT

N/A

N/A

DISPLAY

N/A

N/A

KEYBOARD

N/A

N/A

SEALING

IP52

IP52

DROP SPEC

4 ft./1.2 m drop to concrete

4.1 ft./1.2 m drop to concrete

TUMBLE TESTED

500 1.6 ft./0.5 m tumbles at room temperature (1000 drops)

1,000 1.64 ft./0.5 m tumbles at room temperature (2,000 hits)

DATA CAPTURE

EPC Class 1 Gen 2, EPC Gen 2 V2 UHF RFID tags

EPC Class 1 Gen 2 UHF RFID tags; 1D/2D barcodes

WIRELESS

N/A

WPAN Bluetooth®

WARRANTY

1 year

1 year

SERVICE

Zebra OneCare

Zebra OneCare

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If you need **fixed RFID readers**, Zebra has you covered...

...with stylish readers for customer-facing areas like the front of the retail store to industrial readers designed to thrive in tough environments.

Fixed RFID Readers

Business Class Environments

FX7500



PRODUCT DESCRIPTION	The FX7500 comes in 2-port or 4-port configurations. Its low profile, compact footprint is at home in nearly any business environment and its plenum rating enables discreet installation. The new RFID radio is designed from the ground up to deliver faster and more accurate read rates, as well as more consistent performance — even in challenging environments. Zebra's software-based radio design delivers superior future proofing. As RFID continues to evolve, the radio can be easily upgraded with new software to support new features — there's no need to rip and replace. And installation of this plenum-rated reader couldn't be easier — just hang the supplied bracket and snap the FX7500 in place.
GEOGRAPHIC AVAILABILITY*	NA, EMEA, APAC, LATAM
READ POINTS	2 or 4 monostatic ports
EXTERNAL INTERFACES	2 inputs, 2 outputs, optically isolated (Terminal Block); USB Client (USB Type B), USB Host Port (Type A)
NETWORK	10/100 BaseT Ethernet (RJ45) with PoE support
FREQUENCY	Global reader: 902–928 MHz, 865–868 MHz; US (only) reader: 902–928 MHz
TAG PROTOCOL	EPC UHF Class 1 Gen 2 (Dense Reader Mode)
HOST INTERFACE PROTOCOLS	LLRP
MANAGEMENT PROTOCOLS	RM 1.0.1 (with XML over HTTP/HTTPS and SNMP binding); RDMP
RUGGED SPECS	Non-sealed
OPERATING TEMP.	-4° to +131° F/-20° to +55° C
OPERATING SYSTEM	Linux
MEMORY	512 MB Flash; 256 MB DRAM
WARRANTY	1 year
SERVICE	RFID Design and Deployment Services; Zebra OneCare

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Fixed RFID Readers

Rugged Design for Industrial Spaces

FX9600



PRODUCT DESCRIPTION	The rugged FX9600 is built for high-volume tough industrial environments. High read performance easily tracks the highest volumes of densely packed cases, pallets and individual items with greater accuracy, even in RF challenging environments with RF challenging materials. Longer read ranges, an IP53 sealing rating, and an extremely durable design make the FX9600 ideal for large distribution center and yard management applications. And an 8-port version sets the standard for performance at a lower cost-per-read point for your deployments.
GEOGRAPHIC AVAILABILITY*	NA, EMEA, APAC, LATAM Available in 75+ countries
READ POINTS	FX9600-4: 4 monostatic ports FX9600-8: 8 monostatic ports
EXTERNAL INTERFACES	4 inputs, 4 outputs, optically isolated (Terminal Block); USB Host & Client (Type A & B); Serial (DB9)
NETWORK	10/100 BaseT Ethernet (RJ45)
POWER	POE (802.3af) POE+ (802.3at) +24V DC (UL Approved)
FREQUENCY	Global Reader: 902–928 MHz, 865–868 MHz US (only) Reader: 902 - 928 MHz Other global frequencies as regionally defined
TAG PROTOCOL	EPC UHF Class 1 Gen 2, Gen 2 V2
HOST INTERFACE PROTOCOLS	LLRP + RM
MANAGEMENT PROTOCOLS	RM 1.0.1 (with XML over HTTP/HTTPS and SNMP binding); RDMP
RUGGED SPECS	IP53, Die-cast aluminum housing
OPERATING TEMP.	-4° to +131° F/-20° to +55° C
OPERATING SYSTEM	Linux
MEMORY	Flash 512 MB; DRAM 256 MB
WARRANTY	1 year
SERVICE	RFID Design and Deployment Services; Zebra OneCare



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RFID ANTENNAS

With our complete line of RFID antennas, you can maximize the performance of our RFID readers in every environment — from picture-frame discrete aesthetics for the most discerning retailer to rugged designs built to handle sub-zero temperatures.

RFID Antennas



Rugged Antennas		
	AN440	AN480
		
PRODUCT DESCRIPTION	The rugged AN440 High Capacity Antenna is ideal for the largest environments with high product density. This dual-element antenna offers one right and one left circularly polarized mono-static antennas in one package, providing the wide read field and fast read rates required to capture the highest volume of tags. The simple white housing is at home in both customer-facing and industrial settings, and since the AN440 is easy to mount on both ceilings and walls, you can easily achieve superior coverage in challenging areas such as warehouse doorways, dock platforms and multi-level stockroom shelves.	The AN480 single port antenna offers the flexibility and performance required to meet the needs of enterprises around the world. The AN480 can be installed throughout the enterprise in manufacturing and warehouse floor environments, or in the ceilings of a hospital for asset tracking applications. A low axial ratio delivers a more uniform gain for superior performance, and as with all Zebra antennas, the AN480 uses our standard mounting bracket — so mounting the antenna for the first time or upgrading an existing Zebra antenna with the AN480 is fast and easy. Available in right and left-hand polarization.
TYPE/GAIN	High-performance dual RFID antenna 6 dBi	High-performance indoor wide band RFID antenna 6 dBi
FREQUENCY RANGE	900–928 MHz (Will perform reasonably well in EU frequency in most applications)	865–956 MHz
OPERATING TEMP.	-22° to 158° F/-30° to 70° C	-40° F to 149° F/-40° C to 65° C
SEALING	IP67	IP54
ENVIRONMENTAL	Cold, heat, temperature, shock, humidity, rain, salt fog, random vibration	Cold, heat, temperature, shock, humidity, rain, salt fog, random vibration
GEOGRAPHIC AVAILABILITY	Global	Global

RFID Antenna Notices

The antenna frequency specification and label is a characteristic trait of the antenna's peak frequency response. The RFID reader, when professionally installed and selected for a country of operation, dictates the actual frequency of transmission/reception to ensure regulatory compliance for operation in a designated country. The actual frequency specification of the antenna is not material to regulatory compliance.

RFID Antennas

Slim, Low-Profile Antennas



	AN610	AN620
		
PRODUCT DESCRIPTION	The ultra-low profile AN610 Slimline Antenna offers the “picture frame” discreet aesthetics needed in smaller workspaces such as boutique apparel shops and hospital specimen collection areas. This easy-to-mount, space-saving antenna is rugged enough to handle any environment where you need an RFID reader: in a doorway, on an end-cap display, on shelves, above the counter as an RFID pad, or on the wall.	The ultra-low profile AN620 offers the same “picture frame” discreet aesthetics as the AN610 in a slightly larger form factor with increased read range. The AN620 is designed for larger spaces — such as large department stores. The AN620 can be installed virtually anywhere in your environment — from doorways and walls to shelves, at the point-of-sale, under the counter or even above the counter as an RFID pad.
TYPE/GAIN	Flat panel, slim line, ultra-low profile “picture frame” aesthetic antenna 1.0 dBiLi	Flat panel, slim line, ultra-low profile “picture frame” aesthetic antenna 4.0 dBiLi
FREQUENCY RANGE	US and Canada: 902–928 MHz Europe: 864–868 MHz	US and Canada: 902–928 MHz Europe: 864–868 MHz
OPERATING TEMP.	-22° F to +149° F/-30° C to +65° C	-22° F to +149° F/-30° C to +65° C
SEALING	N/A	N/A
ENVIRONMENTAL	N/A	N/A
GEOGRAPHIC AVAILABILITY	Global	Global

RFID Antenna Notices

The antenna frequency specification and label is a characteristic trait of the antenna’s peak frequency response. The RFID reader, when professionally installed and selected for a country of operation, dictates the actual frequency of transmission/reception to ensure regulatory compliance for operation in a designated country. The actual frequency specification of the antenna is not material to regulatory compliance.

RFID Antennas

Discreet Antennas with Customer-Facing Aesthetics

	AN710	AN720
		
PRODUCT DESCRIPTION	The AN710 is a low gain (3.5 dBi) compact antenna that's great for short range applications and creating a targeted zone. The AN710 is extremely compact for installation in the most space-constrained spaces — for example, under the point of sale (POS) counter or on the wall in a hospital room. Its integrated mounting bracket enables easy installation in minutes.	The AN720 RFID antenna features a compact form factor with a high gain. It's perfect for indoor environments but also rugged enough for challenging outdoor environments and can withstand exposure to rain, snow and extreme temperatures. The AN720 is impact and vibration resistant for installing on conveyors and doorways.
TYPE/GAIN	Compact general purpose indoor antenna 3.5 dBi	Compact rugged indoor-outdoor antenna 3.5 dBi
FREQUENCY RANGE	US and Canada: 900–928 MHz Europe: 865–868 MHz	US and Canada: 902–928 MHz Europe: 865–868 MHz
OPERATING TEMP.	-22° F to 158° F/-30° C to 70° C	-22° F to 158° F/-30° C to 70° C
SEALING	N/A	IP67
ENVIRONMENTAL	N/A	Cold, heat, temperature, shock, humidity, rain, salt fog, random vibration
GEOGRAPHIC AVAILABILITY	Global	Global

RFID Antenna Notices

The antenna frequency specification and label is a characteristic trait of the antenna's peak frequency response. The RFID reader, when professionally installed and selected for a country of operation, dictates the actual frequency of transmission/reception to ensure regulatory compliance for operation in a designated country. The actual frequency specification of the antenna is not material to regulatory compliance.

Zebra Certified Supplies



Exceptionally Consistent . . . Consistently Exceptional.

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pretest our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer — and peace of mind for you. For industry-leading quality, service and thermal printing expertise, choose Zebra RFID Supplies.

THE LARGEST SELECTION OF STOCK RFID LABELS AND CARDS, TESTED FOR YOUR ZEBRA PRINTERS

Selecting the right RFID labels for your application can be complicated. Zebra offers the widest selection of in-stock RFID labels and cards, designed for and tested with Zebra printers, as well as Zebra RFID readers. We have options for general purpose, advanced and specialty use applications, in a variety of sizes and materials, using inlays from leading manufacturers to meet your needs.



RFID Labels and Cards to Meet Every Need

General Purpose Labels

These labels are designed for use with standard RFID readers and are stocked in a variety of inlay types and sizes. They are available in paper and synthetic materials that work on non-metallic surfaces, plastics or corrugate.

TYPICAL USES

- **Transportation and Logistics:** Distribution, shipping and receiving and warehouse operations including case, pallet and cross-docking.
- **Manufacturing:** Work-in-process, product labeling, product ID/serial numbers, security and product lifecycle tagging.
- **Healthcare:** Specimen, laboratory and pharmacy labeling, document and patient records management.

Advanced Labels

Regularly used in retail, healthcare and manufacturing, these labels offer a higher level of read performance than our general purpose labels.

TYPICAL USES

- Same as General Purpose applications, where longer read ranges are required.

Specialty Labels

For specialty situations, such as asset tagging on metal surface or for liquid-filled containers, we offer Silverline On-metal labels.

TYPICAL USES

- **Manufacturing:** Asset tracking of tools, fixtures, metal parts, returnable containers, chemical drums and more.
- **IT Equipment Tracking:** Asset tracking of mobile computers, printers, antennas and infrastructure components
- **Healthcare:** Asset tracking of wheelchairs, beds, oxygen canisters, IV pumps and medical diagnostic tools.

HF and UHF Cards

Maximize safety, security and convenience with Zebra's RFID cards. We offer a passive UHF card, as well as a Dual RF card that combines HF MIFARE® for contactless high frequency and UHF Gen 2 passive RFID for long read-range applications.

TYPICAL USES

- **Hospitality:** Customer loyalty, event management, social media experience, club and resort membership, gaming.
- **Access control:** Track employees and guests to increase personal safety and facility security.
- **Asset tracking and inventory management**

**LET ZEBRA SOLUTIONS HELP YOU
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NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 847 955 2283
la.contactme@zebra.com