

Zebra ZQ110 Series Label Printers

On the following pages you will find detailed manufacturer information about this product from our TISWARE hardware and software portfolio.

If you need more information, please contact us!

If you have any questions about or are interested in this or other products from our portfolio, please contact our sales team. Our colleagues are happy to help.

Phone: **+49 2871 2722-0**

E-mail: **contact@tis-gmbh.com**

Other products from the TIS GmbH portfolio



TISLOG TELEMATICS SOFTWARE

TISLOG logistics and transport software provides powerful and flexible solutions for mobile order management, capable of exactly what you need for the individual work processes of your business.



www.tislog.com



TISPLUS HARDWARE ACCESSORIES

TISPLUS - Clever accessories for ergonomic handling on the go and in the warehouse. und im Lager. Development, design and production of our TISPLUS products take place at 100% in Germany.



www.tisplus.com

BACKGROUND TIS GMBH

The TIS GmbH, based in Bocholt is one of the market leaders for sophisticated telematics projects. TIS stands for "Technical Information Systems". Since 1985 the company develops intelligent telematics solutions for freight forwarders, transport and logistics companies and retail chains. Currently, more than 50 employees work for TIS. The latest generation of products are the platform-independent software solutions under the brand name TISLOG Logistics & Mobility. Together with the powerful hardware of renowned partners and the in-house developed hardware accessories TISLOG builds the optimal solution for companies looking for professional telematics solutions.



More information on the TIS GmbH and our portfolio of software, hardware and accessories on

www.tis-gmbh.com



ZEBRA

ZQ110 Mobile Printer

PRINT RECEIPTS AND TICKETS ON DEMAND AND ON THE GO WITH THE ZQ110 MOBILE RECEIPT PRINTER

Zebra's smallest and most affordable mobile receipt printer, the ZQ110™ is compact and lightweight enough to fit in a pocket or wear comfortably on a belt for an entire shift. Quickly print and tear 2-inch-wide receipts, tickets and delivery notices on site, saving time and money — all while improving customer service.



The ZQ110 provides seamless integration into existing mobile solutions. It is "Made for iPod® / iPhone® / iPad®" (MFi) certified and supports Bluetooth® or wireless (802.11b/g/n WLAN) connectivity to a wide range of Apple®, Android™ and Windows® mobile devices.

Easy to carry and simple to use, the ZQ110 offers intuitive media loading for quick, on-the-go media changes. Its straightforward user interface enables at-a-glance status updates. And, with a battery capable of lasting an entire shift and multiple charging options, users experience greater uptime and increased productivity with fewer printing interruptions.

With a variety of accessories and options and Zebra's reliable service and support, the ZQ110 gives users the benefits of a Zebra-brand product at an affordable price.

Compact, Competitive and Zebra-Certified

Serve your customers anywhere, anytime, with key features and a pocket-size design.

Mobile Ready

Keep your company and employees moving forward. The ZQ110 weighs 0.50 lbs / 0.23 kg including the battery for easy portability and storage in a pocket.

Be assured of outstanding reliability, even in harsh environments. The ZQ110 can withstand drops to concrete of up to 4' / 1.2m and, when paired with the optional carrying case, the printer meets IP54 rating, protecting the device from dust and liquids, such as rain, snow or accidental spills, that are common in harsh working environments.

Sustain on-the-go productivity with the ZQ110's user-friendly design. It is designed for quick, one-handed media changes and gives users status updates at a glance.

Customize the ZQ110 to ensure maximum operability for your business. Zebra® offers affordable options for at-home, vehicle and workplace battery charging and convenient accessories for a hands-free, hassle-free mobile solution.

Outfitted to Perform

Easily incorporate the ZQ110 into your operations. In addition to the industry-standard ESC/POS programming language, the ZQ110 supports a suite of software development kits and utilities for seamless integration.

Complete mobile printing operations efficiently. The ZQ110 prints at speeds up to 3.5 inches-per-second and is designed with "sleep mode" to conserve battery power.

Maintain robust and reliable connectivity on the go. The ZQ110 is MFi certified and supports Bluetooth connectivity to a range of mobile devices. Users can opt for 802.11b/g/n WLAN capability for applications requiring more secure network connections.

Enhance your business services with additional options and features. The ZQ110 supports an optional encrypted 3-track Magnetic Stripe Reader (MSR).



For more information about the ZQ110 mobile printer, visit www.zebra.com/zq110
or access our global contact directory at www.zebra.com/contact

Built for You, Backed by Zebra


Protect your bottom line without sacrificing important services. The ZQ110 is Zebra's most affordable mobile receipt printer and can be used in a variety of applications.






Strengthen your business with the support that comes with the Zebra brand. With Zebra's reliable network of service technicians, hardware and software issues can be addressed quickly, regardless of location or time.

Work with confidence. The ZQ110 has been tested for maximum interoperability when using the printer with validated terminals. Zebra's Independent Software Vendors (ISVs) create industry-leading software solutions to solve your business problems. Zebra works closely with these ISVs to integrate printing and other capabilities of Zebra products. Zebra-validated applications can be found at www.zebra.com/validation.

Mobile A to Z

From Accessories, to Supplies, to Zebra OneCare Plans

Charging			
AC Adapter ✓		Single Battery Charger	
	Operates with ZQ110 printer, single docking cradle, single battery charger.		Charges standard battery and battery with outer contacts. Operates with ZQ110 AC adapter and power cord.
Power Cord* ✓		Quad Battery Charger	
	Operates with ZQ110 printer, single docking cradle, single battery charger.		Charges standard batteries and batteries with outer contacts. Operates with unique AC adapter and power cord; included with quad charger purchase.
Single Docking Cradle		Lighter Adapter	
	Must be used with battery with outer contacts. Operates with ZQ110 AC adapter and power cord.		Operates with ZQ110 printer.
Quad Docking Cradle			
	Must be used with battery with outer contacts. Operates with unique AC adapter and power cord; included with quad cradle purchase.		
Batteries			
Standard Battery ✓		Battery with Outer Contracts	
	Charges with single battery charger, quad battery charger or standalone printer with AC adapter.		Charges with single docking cradle, quad docking cradle, single battery charger and quad battery charger.

Carrying			
Belt clip ✓		Belt Strap	
	Plastic; fits standard and MSR versions of ZQ110 printer.		Fabric; fits standard and MSR versions of ZQ110 printer.
Shoulder Strap with Protective Case			
	Protective case meets IP54 rating. Includes built-in belt clip; additional purchase of shoulder strap required. Case can accommodate the MSR version of ZQ110.		
Additional Options			
Vehicle Holder		USB Cable	
	Comes in three separate parts; requires additional purchase of lighter adapter for charging.		Connects ZQ110 printer via USB port.

*Power-cord plugs vary by country to accommodate electrical outlets.
✓ Included in the box.

Genuine Zebra Supplies

Ensure consistent print quality, reduce downtime and increase productivity in your printing process with genuine Zebra supplies. We manufacture each supplies product with the exact same materials every time so you always get crisp, readable and scannable output without needing to adjust the printer darkness setting between rolls.

Zebra OneCare Services

Increase printer uptime and reduce lost productivity and unbudgeted repair costs by purchasing a Zebra OneCare service agreement. A cost-effective means of planning and budgeting for your annual maintenance expenditures, your agreement ensures that trained Zebra technicians will bring your printer back to factory specifications. Zebra offers a variety of plans to fit your budget and business needs.

ZQ110 Specifications

PRINTER NAME	
ZQ110	
STANDARD FEATURES	
<ul style="list-style-type: none">• Apple iOS, Android and Windows Mobile connectivity• Direct thermal printing of barcodes, text and graphics• 203 dpi resolution (8 dots per mm)• Print speed up to 3.5" / 90 mm per second (receipt)• ESC/POS programming language• Resident fonts• 4 MB Flash supports downloadable programs, receipt formats, fonts and graphics; 64 KB receive buffer• USB port• 7.4V Li-ion, 1200 mAh battery; rechargeable• Optical out of media sensing using fixed center position sensor; media cover open sensor• Belt clip for unobtrusive and convenient printing• Tear bar for easy receipt dispensing• Supports vertical and horizontal printing• Printer can be used in any orientation• Fixed media roll width• "Clamshell" design for easy media loading• Five LEDs as User Interface indicators• Tolerant of multiple drops from 4' (1.2 m) to concrete	
PRODUCT AVAILABILITY	
<p>The ZQ110 is available in the following versions:</p> <ul style="list-style-type: none">• ZQ110 – Bluetooth only (standard)• ZQ110 – Bluetooth + Magnetic Stripe Reader (MSR)*• ZQ110 – Wi-Fi (802.11b/g/n)** only• ZQ110 – Wi-Fi (802.11b/g/n) + MSR <p>*Magnetic Stripe Reader (3 track); data encrypted by printer F/W; triple DES</p> <p>**Wi-Fi capability replaces standard Bluetooth 3.0</p>	
PRINTER SPECIFICATIONS	
Resolution	203 dpi/8 dots per mm
Memory	4 MB Flash supports downloadable programs, receipt formats, fonts and graphics; 64 KB receive buffer
Maximum Print Width	1.89"/48 mm
Maximum Print Speed	Up to 3.5"/90 mm per second (receipt) Up to 2.4"/60 mm per second (linerless)
Print Length	Max: Continuous
Power	7.4V Li-Ion, 1200 mAh battery; rechargeable
MEDIA CHARACTERISTICS	
Maximum Media Width	2.28" (58 mm)
Maximum Media Roll Size	1.18" (30 mm)
Thickness	0.10 mm (0.06 to 0.10 mm)
Media Types	Direct-thermal receipt paper or linerless paper

OPERATING CHARACTERISTICS	
Environmental	Operating Temperature: 5°F to 122°F/-15°C to 50°C Operating Humidity: 10% to 80% non-condensing Storage/Transportation Temperature: -22°F to 158°F/-30°C to 70°C Storage Humidity: 10% to 90% non-condensing IP Rating: IP54 with protective case Drop Spec: 4' (1.2 m) drop to concrete
Agency Approvals	Emissions: FCC Part 15, Subpart B, EN55022 Class-B, EN55024 Susceptibility: EN55024, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5 x Safety: CE, UL, CB International marks: CE, FCC, NOM, CCC, RCM, Anatel, BIS, NTC, KCC, BSMI, iDA
PHYSICAL CHARACTERISTICS	
Length	4.68" (118.8 mm)
Width	1.48" (37.7 mm)
Height	3.15" (80.1 mm)
Weight*	0.50 lbs (0.23 kg)
*Weight reflects standard Bluetooth ZQ110 with battery. Optional ZQ110 models (MSR, Wi-Fi) may vary in weight.	
COMMUNICATION AND INTERFACE CAPABILITIES	
Bluetooth 3.0 + EDR (standard) <ul style="list-style-type: none">• Security modes 1-4• Key Bonding• "Made for iPod / iPhone / iPad" (MFi) certified• Bluetooth printing from Apple devices 802.11b/g/n WLAN (replaces standard Bluetooth); 2.4 GHz <ul style="list-style-type: none">• Wi-Fi Direct, Infrastructure, Ad Hoc• WEP 64/128 bits• AES, TKIP, AES +TKIP• WPA1/WPA2 PSK• 802.1X WPA1/WPA2 (EAP-PEAP, EAP-LEAP, EAP-TTLS, EAP-FAST, EAP-TLS) Cabled Communications Specifications USB 2.0 full-speed interface (12 Mbps)	
BARCODE SYBOLOGIES	
Linear Barcodes: EAN-8, EAN-13, Code39, Code93, Code128, ITF, Coda Bar, UPC-A, UPC-E 2D Barcodes: PDF417, Data Matrix, AZTEC, QR Code	
FONTS AND GRAPHICS	
Character size: Font A: 12 x 24; Font B: 9 x 17; Font C: 9 x 24; KOR, CHN: 24 x 24 Characters per line: Font A: 32, Font B, C: 42; KOR, CHN: 16 Character sets: Alphanumeric: 95; Expanded Graphics: 128 x 33 page; International: 32 Supports user-defined fonts and graphics including custom logos	
OPTIONS AND ACCESSORIES	
The ZQ110 comes with the following accessories in the box: <ul style="list-style-type: none">• AC adapter• Power cord• Belt clip• (1) Standard battery• (1) Roll of receipt media Additional charging and carrying accessories are available for the ZQ110. Please refer to the Accessories Chart on page 2 for details.	

Ideal for These Applications

Retail

- Mobile point-of-sale receipt printing
- Printed merchandise specifications
- Mobile promotion vouchers
- Merchandise pick-up slips

Hospitality

- Simple receipt printing for valet parking, luggage, coatroom, tableside betting and taxi receipts
- Receipt printing for VIP access upgrades
- Concession and gift sales

Transportation and Logistics / Manufacturing

- Wholesale distributors' route accounting (DSD)
- On-demand receipts for store pre-sales, invoices and deliveries
- Field service receipts including appliance repairs and home deliveries
- Passenger ticketing
- Mobile point-of-sale receipt printing

Government

- E-citation, such as printing weather-resistant tickets and violation notices

ZQ110 Specifications

PRODUCT WARRANTY

The ZQ110 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty.

RECOMMENDED SERVICES

The Zebra OneCare Service portfolio of Essential, Select and Premier maximizes the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to www.zebra.com/zebraonecare.

For optimum print quality and printer performance, use genuine Zebra supplies. Specifications subject to change without notice.

Note: This product is not intended for strong manufacturing support; however, it does have applications that benefit manufacturing organizations that have their own 'in-house' transportation arm that delivers goods to various retail locations.



NA and Corporate Headquarters | +1 800 423 0442 | inquiry4@zebra.com

ZQ110 Series Printers

Ultra-Compact mobile receipt printer - 4MB Flash, 64KB Receive Buffer. OPOS driver support. ESC/POS Programming language - not CPCL, ZPL or EPL compatible! Included with each printer: Battery, AC Adapter, Receipt Roll, Software CD (contains SDK, programming language guide, user guide), Belt Strap

Item number	Description
ZQ1-0UB0E020-00	ZQ110 Printer, USB, Bluetooth, EU Plug
ZQ1-0UB0E060-00	ZQ110 Printer, USB, Bluetooth, UK Plug
ZQ1-0UB1E020-00	ZQ110 Printer, USB, Bluetooth, MSR, EU Plug
ZQ1-0UB1E060-00	ZQ110 Printer, USB, Bluetooth, MSR, UK Plug
ZQ1-0UG0E020-00	ZQ110 Printer, USB, WLAN, EU Plug
ZQ1-0UG0E060-00	ZQ110 Printer, USB, WLAN, UK Plug
ZQ1-0UG1E020-00	ZQ110 Printer, USB, WLAN, MSR, EU Plug
ZQ1-0UG1E060-00	ZQ110 Printer, USB, WLAN, MSR, UK Plug

Chargers

Item number	Description
P1070125-001	Single Battery Charging Cradl
P1070125-003	Quad Battery Charger / EU cord
P1070125-004	Quad Battery Charger / UK cord
P1070125-036	Single Printer Docking Cradle
P1070125-030	Single Printer Docking Cradle / EU cord
P1070125-031	Quad Printer Docking Charging Cradle / UK cord
P1070125-057	Quad Adapter (spare)
P1070125-028	Spare Battery Charger Adapter
P1070125-019	AC Adapter - EU Plug
P1070125-023	AC Adapter - UK Plug
P1070125-009	Vehicle Charger 12VDC with cigarette lighter adapter

Accessories

Item number	Description
P1070125-034	Vehicle Holder
P1070125-008	Spare Battery - Standard (Li-Ion 1200mAh)
P1070125-007	Spare Battery with outer contacts (Li-Ion 1200 mAh)
P1070125-037	Belt Strap
P1070125-027	Belt Clip
P1070125-035	Shoulder Strap
P1070125-016	Soft Case - IP54 Rating
P1060264	USB Cable, 14 pin (to connect printer to PC)

Kits

Item number	Description
105950-035	Print Head Cleaning Pens x 12

Supplies

Item number	Description
3010766	Z-Perform 1000D 60 Receipt – 60 micron thermal receipt paper, 57.15mm x 7.93M

MORE INDUSTRIAL ZEBRA PRINTERS

