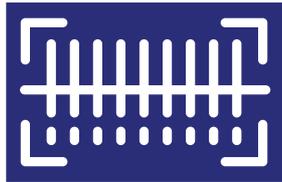


PRODUCT CATALOGUE



automatic identification, data acquisition hardware and solutions

We are the experts in technology for industrial and specialised environments: RFID, barcoding, rugged, industrial, and data acquisition hardware and solutions for automatic identification, asset tracking, access control, process monitoring, automation, and more.



BARCODING



RFID

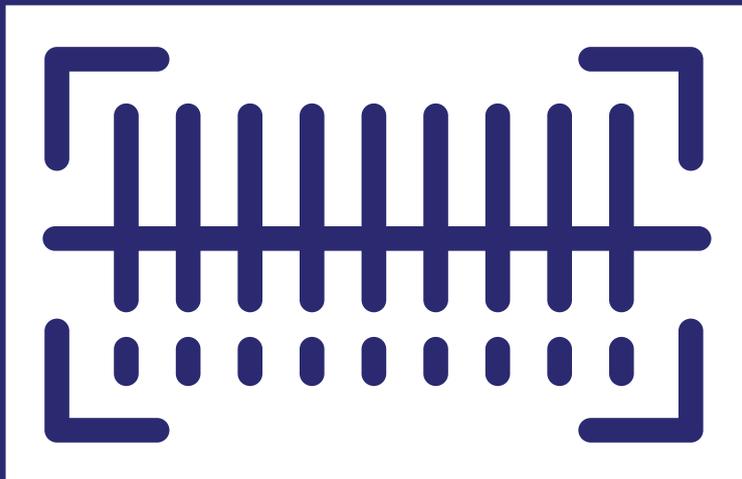


**RUGGED &
INDUSTRIAL**



**MEASUREMENT
COMPUTING**

This catalogue contains a selection of our best-selling products. If you don't see a specific item you're looking for, get in touch. We can design a solution for your needs and source high quality hardware from leading manufacturers globally.



BARCODING

COMPANION & POCKET SCANNERS . STATIONARY SCANNERS . PRINTERS .
BARCODING SOFTWARE . BIOMETRIC SCANNERS

BARCODE SCANNERS



Chainway® C66 Mobile Computer



The Chainway® C66 is a rugged handheld computer with a 5.5-inch HD display, powered by a Qualcomm octa-core processor running on Android 11 or 13. It features barcode scanning, NFC functionality, and quick charging, along with a UHF sled for extensibility. Optional features include fingerprint recognition and volume measurement. With Wi-Fi 6 support, it meets the needs of access control, logistics, manufacturing, and retail.



Chainway® C61 Mobile Computer

The Chainway® C61 is a rugged handheld computer powered by Android 11/13 and an Octa-Core processor. It offers optional keypads (27, 37, or 47 keys), a 6700mAh removable battery with quick charge, and an optional trigger handle with a 5200mAh battery. It supports barcode scanning, RFID, and NFC. Long range (20 m barcode scanner) as well as a Cold version working down to -20 degrees - Suitable for logistics, warehousing, manufacturing, retail, and asset management, with robust data collection and Wi-Fi 6 capabilities.



Chainway® MC21 Mobile Computer



The Chainway® MC21 is a lightweight mobile computer featuring Android 12, a high-performance processor, a 3.5-inch touchscreen, and a multi-function keyboard. It has a 5000mAh removable battery and supports barcode scanning, NFC, a 13MP camera, and multiple wireless connections. With a high protection rating, it's suitable for various applications in warehousing, logistics, retail, and asset management.

BARCODE SCANNERS



Chainway® C71 Mobile Computer



The Chainway® C71 is a rugged Android mobile computer designed to boost productivity in logistics, asset management, identity verification, meter reading, and IC card reading. It features a powerful processor, reliable wireless connectivity, and extensive data capture capabilities.



Chainway® C6000 Handheld Scanner



The Chainway® C6000 is a portable and robust handheld computer designed for demanding environments. Operating on the Android 10 operating system and equipped with a high-performance processor, it offers a seamless and stable user experience, complemented by an extended battery life. Its versatile functionalities include barcode scanning and NFC capabilities, making it an ideal solution for challenging settings such as logistics and warehouses.



Chainway® P80 Industrial Tablet



The Chainway® P80 is a rugged 8-inch Android 13 tablet with an 8000 mAh battery and Qualcomm Octa-Core CPU. It features extensive data capture capabilities, including UHF RFID, barcode scanning, HF RFID/NFC, and fingerprint recognition, making it suitable for industrial environments like retail, logistics, power, warehousing, and transportation.

COMPANION & POCKET SCANNERS



Opticon OPN-6000

The OPN-6000 introduces real-time barcode scanning capabilities to any Bluetooth device. Its compact size makes it a perfect choice for point-of-sale systems, inventory management, and a wide range of other applications. Additionally, it features innovative inductive charging technology.



Opticon OPN-2500

The OPN-2500 is a compact and versatile barcode scanner equipped with Bluetooth Low Energy (BLE) connectivity, USB-C, extended battery life, mobile App support (OptiConnect) and a high-speed 1D laser scan engine. The OPN-2500 is the successor of the popular OPN-2001 and OPN-2006 in one product. It's packed with the latest features and technology.



Wireless Barcode Scanner

This barcode scanner is a high-performance, wireless 2D scanner with advanced image decoding and micropower wireless frequency hopping technology. It features an IP68 protection level, making it suitable for factories, warehouses, and extreme environments. Equipped with a megapixel engine and versatile lenses, it effectively scans complex barcodes, including those that are laser carved or scratched. The wireless technology ensures stable performance in industrial settings and supports up to 100 scanners with one receiver, ideal for high-demand applications in manufacturing and logistics.

STATIONARY SCANNERS



Opticon PR-11 ID/Passport Reader

The Opticon PR-11 ID/Passport Reader is a high-speed omnidirectional scanner designed for counter use or built-in installation. It utilizes integrated 2D engines optimized for reading MRTD documents with OCR-B fonts. Its omnidirectional scanning allows for barcode reading from any angle, making it ideal for passport and ID control areas while minimizing queuing time.



Opticon M-11 Omni-Directional Scanner

The M-11 is a highly versatile presentation scanner that combines a powerful 2D CMOS imager with a stylish design and omni-directional capabilities. The scanner can be triggered manually or automatically and scans at a speed of up to 120 fps. In addition, it can also be used in modern public transport ticket vending machines, time control, various retail applications. There is also functionality for airline passenger check-in, boarding and many more.



Opticon OPR-3201Z Laser Scanner

The OPR-3201Z is a lightweight, handheld laser scanner (80 grams) with plug-and-play functionality and an auto-trigger feature for hands-free operation. Its large pistol grip ensures comfortable aiming at barcodes, reads DOT PEEN imprints, and it comes with a USB cable. Available in black or optional white, the scanner includes a stand for hands-free use. It is designed for balance and can withstand drops from 1.5 meters onto concrete, making it a reliable choice for efficient scanning.

STATIONARY SCANNERS



Opticon NLV-1001

The NLV-1001 is a rugged scanner that is ideal for applications that demand high performance and a good durability. The NLV-1001 is special because it is equipped with an automatic trigger that can be switched on and off.



Opticon NLV-3101

The NLV-3101 is an ideal fixed-position scanner designed for challenging OEM and ODM projects. It is fast, durable, and dependable. This stationary scanner is equipped with either a USB HID/VCP or a Serial interface.

PRINTERS

Zebra ZQ210 2" Barcode Printer



Designed for optimal cost-effectiveness and durability. This compact and lightweight printer handles 2-inch receipts, labels, and liner-less media with ease. Enjoy fast Bluetooth® connectivity and convenient USB charging. Its user-friendly features include an integrated display, one-handed operation, and compatibility with the Z-Label Designer Mobile App for Android™ and iOS®.

Zebra ZQ220 3" Barcode Printer



The Zebra ZQ220 Plus is a versatile, affordable mobile printer that prints 3-inch receipts and labels (with optional 2-inch media). It features Bluetooth v5, NFC, CPCL & ESC-POS compatibility, and offers USB charging (charger optional). Slim, lightweight, and durable, it enhances efficiency and productivity across various applications, including retail, field service, and logistics.

Urovo K329 Barcode Label Printer



The K329 portable direct thermal label printer is versatile, supporting various materials like thermal adhesives and receipts. It features dual Bluetooth modes for fast, efficient connections and multiple pairing options, including NFC bump pairing. Additionally, it offers optional Wi-Fi for diverse working environments. The K329 is ideal for logistics, retail, direct store delivery, and law enforcement.

Epson TM-T20 Thermal Printer



Perfect for bustling retail or hospitality environments, this printer offers reliable logo and pattern printing at speeds of up to 150 mm per second, compatible with 58 mm or 80 mm paper. Its compact design allows for horizontal mounting or vertical hanging on the wall.

BARCODING SOFTWARE

OptiConnect



COMPATIBLE WITH



Use the free OptiConnect app on your mobile to manage your OPN-6000 effortlessly. With its user-friendly design and integration with Opticon's scanners, elevate your efficiency and productivity.

Simplified scanner setup and configuration:

Adjust settings, modify scan modes, and fine-tune scanner behavior with intuitive controls.

Effortless Bluetooth connection:

Establish a seamless Bluetooth connection. OptiConnect ensures a stable link with your smartphone

CSV file import:

Integrate existing CSV data directly into the app, streamlining your scanning operations.

Data storage and export:

Safely store and easily export your scanned data. Your valuable information is always accessible.

Seamless barcode scanning and data management:

OptiConnect offers a user-friendly interface for data management, boosting your productivity.



AssetZure Barcoding Software

An asset management software solution designed to integrate seamlessly with the Opticon OPN 2001 data collector scanner. This scanner can hold up to 15,000 scans before requiring a download. Data transfers and charging are both accomplished through a USB connection.

BIOMETRIC READERS



Chainway® C66 Mobile Computer



The Chainway® C66 is a rugged handheld computer with a 5.5-inch HD display, powered by a Qualcomm octa-core processor running on Android 11 or 13. It features barcode scanning, NFC functionality, and quick charging, along with a UHF sled for extensibility. Optional features include fingerprint recognition and volume measurement. With Wi-Fi 6 support, it meets the needs of access control, logistics, manufacturing, and retail.



Chainway® C5 Fingerprint Scanner



The Chainway® C5 is a robust all-in-one UHF RFID Reader running on Android 11/13. It features a self-developed Impinj® E710-based UHF module for superior performance and stability. Powered by an octa-core processor, it offers large internal memory options and a high-capacity removable battery. Additionally, it includes 2D scanning and NFC, making it suitable for banking, public security, warehousing, retail, and logistics applications.

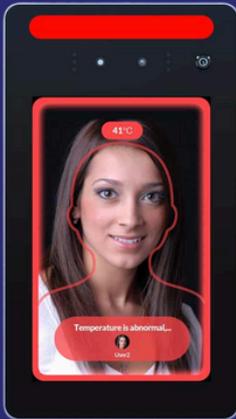


Chainway® P80 Industrial Tablet



The Chainway® P80 is a rugged 8-inch Android 9 tablet with an 8000 mAh battery and Qualcomm Octa-Core CPU. It features extensive data capture capabilities, including UHF RFID, barcode scanning, HF RFID/NFC, and fingerprint recognition, making it suitable for industrial environments like retail, logistics, power, warehousing, and transportation.

BIOMETRIC READERS



Openitem Access Control enables you to manage your community / organization in one integrated state-of-the-art solution. You can rest assured that our solutions are designed with your safety in mind.

TMT-8 Terminal

The TMT-8 Terminal streamlines your access control at a fraction of the cost of thermal cameras, featuring facial recognition and temperature scanning in a compact design that's suitable for tough environments.

- Dynamic HD face recognition camera adapts to various lighting conditions.
- Binocular detection prevents photo-based attacks.
- Infrared sensor automatically activates the camera.
- Rapid facial recognition in under 300 milliseconds for 10,000 faces.
- Features mask detection.
- Offers touchless, self-service infrared temperature measurement.
- Customizable voice prompts for user interaction.
- Open interface for easy integration with attendance, access control, and visitor management systems, plus compatibility with external card readers and electronic locks.
- Centralized traffic and record management via a backend database.
- Face recognition range: 0.5 to 3 meters, recognizing up to 100,000 faces.
- Temperature measurement accuracy: $\pm 0.2^{\circ}\text{C}$ to 0.4°C within 1 meter.
- Dimensions: 251.5 mm x 141.5 mm x 26 mm; operating temperature: -25°C to 75°C .
- Mounting options: wall or pole; power input: DC12V with surge and static protection.
- Features: USB 2.0 port, WiFi connectivity, 8-inch LCD display.
- IP65 rated for water and dust resistance; housing made of aviation-grade aluminum alloy.
- Powered by a Cortex-A53 eight-core processor at 1.4GHz, running Android OS.



RFID

TAGS . READERS . ANTENNAE . PRINTERS

MOBILE & HANDHELD READERS

Chainway® C5 UHF RFID Reader



The Chainway® C5 is an upgraded all-in-one UHF RFID Reader featuring a self-developed Impinj® E710 UHF module for superior performance. Its integrated design enhances stability and durability. Running on Android 11/13 with an octa-core processor, it offers optional internal memory and a large removable battery. The C5 also supports 2D scanning, and fingerprint recognition, making it suitable for various applications in banking, public security, warehousing, retail, and logistics.

Chainway® C66 Mobile Computer



The Chainway® C66 is a rugged handheld computer with a 5.5-inch HD display, powered by a Qualcomm octa-core processor running on Android 11 or 13. It features barcode scanning, and quick charging, along with a UHF sled for extensibility. Optional features include fingerprint recognition and volume measurement. With Wi-Fi 6 support, it meets the needs of access control, logistics, manufacturing, and retail.

Chainway® MC21 Mobile Computer



The Chainway® MC21 is a lightweight mobile computer featuring Android 12, a high-performance processor, a 3.5-inch touchscreen, and a multi-function keyboard. It has a 5000mAh removable battery and supports barcode scanning, a 13MP camera, and multiple wireless connections. With a high protection rating, it's suitable for various applications in warehousing, logistics, retail, and asset management.

MOBILE & HANDHELD SCANNERS



Chainway® R6 UHF RFID Sled Reader

The Chainway® R6 UHF RFID Sled Reader features strong UHF reading and writing capabilities with the Impinj® E710 chip and high-sensitivity barcode scanning. It attaches to a mobile device for an all-in-one solution suitable for asset tracking, inventory management, warehouse operations, vehicle management, and other RFID applications.



Chainway® MC50 Mobile Computer

The Chainway® MC50 is our newly launched 5G high-performance mobile computer. The top-of-the-class configuration comprises advanced Android 12, and optional ultra-large memory. It integrates barcode scanning, dual camera, and multiple wireless data connections, as well as 6-inch HD screen, high-capacity removable battery and IP67 sealing. It can bring a new level of cost efficiency to a broad range of industries including retail, logistics, and warehousing.



Chainway® C61 Mobile Computer

The Chainway® C61 is a rugged handheld computer powered by Android 11/13 and an Octa-Core processor. It offers optional keypads (27, 37, or 47 keys), a 6700mAh removable battery with quick charge, and an optional trigger handle with a 5200mAh battery. It supports barcode scanning, RFID, and NFC - Suitable for logistics, warehousing, manufacturing, retail, and asset management, with robust data collection and Wi-Fi 6 capabilities.

MOBILE & HANDHELD READERS



Chainway® C71 Mobile Computer

The Chainway® C71 is a rugged Android mobile computer designed to boost productivity in logistics, asset management, identity verification, meter reading, and IC card reading. It features a powerful processor, reliable wireless connectivity, and extensive data capture capabilities.



Chainway® C72 UHF RFID Reader

The Chainway® C72 is a rugged Android mobile computer featuring a quad-core processor and an 8000mAh battery. It offers excellent UHF RFID capabilities with options for linearly or circularly polarized R2000 antennas. This device can read tags in bulk from a distance, making it suitable for applications like asset management, retail, warehousing, and fleet management.



Chainway® P80 Industrial Tablet

The Chainway® P80 is a rugged 8-inch Android 13 tablet with an 8000 mAh battery and Qualcomm Octa-Core CPU. It features extensive data capture capabilities, including UHF RFID, barcode scanning, HF RFID, and fingerprint recognition, making it suitable for industrial environments like retail, logistics, power, warehousing, and transportation.



Chainway® C6000 Handheld Scanner

The Chainway® C6000 is a portable and robust handheld computer designed for demanding environments. Operating on the Android 10 operating system and equipped with a high-performance processor, it offers a seamless and stable user experience, complemented by an extended battery life. Its versatile functionalities include barcode scanning and NFC capabilities, making it an ideal solution for challenging settings such as logistics and warehouses.

ATEX DEVICES



Ex-700 Smart Scanner

A durable handheld 2D smart scanner featuring Bluetooth and WiFi connectivity. It is equipped with a powerful 3000mAh battery and is fully encapsulated. The device includes a Type-C charging interface and is **Zone 1** ATEX certified for use in Gas, Oil, and Mining sectors. It meets IP67 and **MIL-STD-810G** standards for ruggedness. Additionally, it offers an optional pistol grip and charging cradle for convenience.



M700DQ8-EX 7" Qualcomm® Snapdragon™ 660, ATEX Rugged Android PDA

Handheld rugged tablet by a Qualcomm® Snapdragon® 660 processor, delivering faster response times and enhanced performance. Featuring a 1D/2D Barcode scanner integration capabilities & optional NFC connectivity. With GPS/AGPS/GLONASS, WLAN, Bluetooth, and optional 4G LTE, for real-time communication. While the built-in 13.0MP rear camera allows instant photo, video & document capture - the 8.0MP front camera can be used for biometric ID verification.



M101AD-EX New Design 10.1" Windows ATEX Rugged Tablet with Intel® Core™ i5-1235U

A durable handheld 2D smart scanner featuring Bluetooth and WiFi connectivity. It is equipped with a powerful 3000mAh battery and is fully encapsulated. The device includes a Type-C charging interface and is **Zone 1** ATEX certified for use in Gas, Oil, and Mining sectors. It meets IP67 and **MIL-STD-810G** standards for ruggedness. Additionally, it offers an optional pistol grip and charging cradle for convenience.

ATEX DEVICES

DURABOOK U11I-EX Rugged Tablet



The Durabook U11I-EX, powered by Intel® 12th generation processors, features a fanless Coolfinity™ design for optimal performance and reliability. It is drop-tested from 6 feet, certified **MIL-STD-810H** and **ATEX Zone 2/22**, with an IP66 rating, making it highly dependable for professionals. The 11.6" LCD display utilizes DynaVue® technology for excellent visibility in sunlight. This fully rugged tablet combines numerous productivity features in a compact, durable design suitable for hazardous environments.

DURABOOK R8-EX Rugged Tablet



The R8-EX fully rugged tablet combines portability and a business-oriented design, featuring Intel® 12th Generation processors for powerful computing in challenging environments. It has an 8" LCD display with DynaVue® technology for visibility in sunlight. Weighing 0.88kg (1.94 lbs) and having a fan less design, it boasts an IP66 rating, six-foot drop resistance, and **MIL-STD 810H** and **ATEX Zone 2/22** certifications, making it highly reliable for digital and remote operations in hazardous areas.

R19IHAT-66EX-T 19" ATEX Panel PC with Intel® Core™ i51135G7



The R19IHAT-66EX is an **ATEX Zone 2** certified 19" panel PC designed for remote data collection and control in potentially explosive environments. It features full **IP66** protection against dust and water, complies with **MIL-STD-810F** standards, and is suitable for in-vehicle use. The I/O ports are protected with EX-Type brass cable glands for added safety. Powered by an Intel® Core™ i5/i7 CPU, it delivers high performance for demanding tasks while utilizing a fanless thermal system for efficient heat dissipation.

ATEX DEVICES



M-Android Tablet, M-Tab 8A 8" Ex ia Android Tablet ATEX Zone 1

The M-Tab-8A is a high-performance, rugged Android tablet, designed specifically for rugged environments. The light-weight, ruggedized construction is **IP-67** rated and can be used in harsh environments.

Specifications:

Operating System:	Android 8.1
Display:	8" 5 Point Touch Screen (10:16 1280x800 IPS)
Camera:	Front 2.0MP, Rear 13.0MP
CPU:	MTK MT8735A Quad Core
Storage:	2GB DDR3L + 32 GB
GSM:	B1/B2/B5/B8
3G WCDMA:	B1/2100; B2/1900; B5/850; B8/900
4G LTE:	TD-SCDMA (B34,B39); LTE TDD(B38,B39,B40,B41)/FDD(B1,B2,B3,B4,B5,B6,B7,B8,B17,B20)
WiFi:	WIFI 802.11 (a/b/g/n)
Speaker:	Embedded 8Ω / 0.8W Waterproof Speaker x1
BT 4.0:	BT4.0
TF Storage:	Max support 128GB
Battery:	3.7V/8500mAH
Dimensions:	214mm * 138.6mm * 22mm
Weight:	650g
IP Rating:	IP 67
Accessories:	Adapter, USB Cable, Straps Package Optional

Certifications:

EMC Approval:	CISPR32, SANS 61000-3-3, SANS 61000-4-2,3,4,5,6,8,9,11
MASC Approval:	MASC M19-8115X

ATEX DEVICES



M-Tab 8W, M-Windows Tablet 8" Ex ia Windows Tablet ATEX Zone 1

The MW-Tablet is a high-performance, rugged Windows tablet, designed specifically for rugged environments. The light-weight, ruggedized construction is **IP-67** rated and can be used in harsh environments.

Specifications:

Operating System:	Windows 10 Professional
Display:	8" (10:16 1280x800 IPS)
Camera:	Front 2.0MP, Rear 5.0MP
CPU:	MTK MT8735A Quad Core
Storage:	4GB DDR3L + 64 GB
GSM:	2G (GSM/GPRS/EDGE) – 900&1800MHz
3G WCDMA:	WCDMA(900/2100MHz)
WiFi:	WIFI 802.11 (a/b/g/n)
Speaker:	Built-in 8Ω/0.8W x 1
BT 4.0:	BT4.0
TF Storage:	Support SDHC/SDXC
Battery:	Lithium-ion Polymer 8,300mAh 3.7V
Dimensions:	214mm * 138.6mm * 22mm
Weight:	650g
IP Rating:	IP 67
Accessories:	Adapter, USB Cable, Straps Package Optional

Certifications:

EMC Approval:	CISPR32, SANS 61000-3-3, SANS 61000-4-2,3,4,5,6,8,9,11
MASC Approval:	MASC M/18-3012X

FIXED/SERIES READERS

Impinj® R700 Series Reader



The Impinj® R700 Series Reader is an advanced enterprise-class 4-port Fixed RFID reader, boasting read rates of up to 1200 tags/sec and a sensitivity of -92 dB. It features easy connectivity to IoT applications via RESTful API and supports various IoT data transfer technologies. Known for its reliability, over 2 million Impinj® readers have been sold globally.

Impinj® Speedway Revolution R420



The Impinj® Speedway Revolution R420 includes 4 Port and 2 Port versions of high-performance RFID readers. Known for their extensive installed base, these readers are versatile and cater to various applications. Impinj has provided over 2 million fixed readers, ensuring proven performance tailored to solution specifications.

Chainway® URA4 Series Reader



The Chainway® URA4 is a 4-channel fixed RFID reader powered by Android 9 and the Impinj® E710 chip. It features RS232, RJ45, and HDMI connectivity and supports various antennas. Known for its stability and performance, it is suitable for applications in warehouse management, libraries, retail, jewelry monitoring, medical cabinets, and vending machines.

Impinj® xSpan Gateway



Impinj® gateways are fixed infrastructure RAIN RFID reader systems that simplify deployment for applications that need always-on monitoring. Impinj® gateways pair an Impinj® Speedway reader with purpose-built antennas that monitor tagged items within an environment. Designed for large-scale, item-level applications, Impinj® gateways provide real-time item intelligence events.

PRINTERS

AIP-830 Industrial UHF Printer



This RFID printer runs on Android OS and allows for automatic RFID tags and label spacing calibration from the easy-to-use interface. It will adapt to different size cores. With an innovative paper roll expander, it is compatible with general paper roll sizes 25mm, 40mm and 76mm inner diameters. It is priced very competitively and delivers more advanced features than some of its pricier competitors.

Well made, solid machined metal construction for high volume industrial printing

ANTENNAE



Times-7 A4030L

The Times-7 A4030L is an ultra-low profile, linearly polarized flat panel antenna, measuring only 12 mm thick. Suitable for indoor and outdoor use, it boasts a read range of up to 9 m (29 ft) and features a rear connector for easy installation.



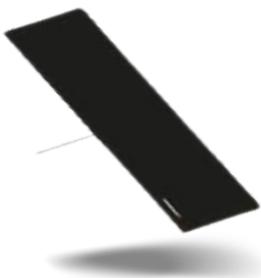
Times-7 Slimline A5010

The Times-7 Slimline A5010 is an ultra-low profile UHF RFID antenna with a compact 250mm square design. Rated IP67 for outdoor use, it meets high standards of quality and robustness, setting a new benchmark for multi-purpose applications.



Times-7 A5020CP

The Times-7 A5020CP is a compact 150 mm (5.9-inch) square antenna, rated IP68 for permanent outdoor use. It features a 1.5 ft. wider reading range than similar-sized antennas, setting a new benchmark in the UHF RFID market.



Times-7 A5060

The Times-7 A5060 antenna offers a read range of up to 10 m (33 ft) and measures 600 mm x 300 mm, making it ideal for industrial portal applications requiring extensive coverage. Its multi-element array ensures reliable readability in dense tag environments and reduces distortion in reflective settings. Standard dimensions enable installation behind ceiling tiles, in cabinets, or on large bench tops.

ANTENNAE



Times-7 A5530

The SlimLine A5530 is a slim, 12 mm thick ground mat antenna available in two versions for the ETSI 864-869 MHz and US FCC 902-928 MHz bands. It is designed for UHF RFID applications, particularly effective for moving products where side antennas are impractical, and is built for durability in industrial settings.



Times-7 A6011

The A6011, part of the SlimLine range of airport antennas, is a flat panel array designed for UHF RFID applications on conveyor belts. It features a low-profile UHMWPE radome for continuous 24/7 operation, making it ideal for airport baggage handling systems. At only 12 mm thick, it allows for quick and easy installation.



Times-7 A6015

The A6015 is a flat panel antenna from the SlimLine range, designed for airport self check-in baggage systems. It uses UHF ActivBeam™ technology to enhance RFID tag reading and prevent missed bag-tags. At just 12 mm thick, the A6015 allows for quick installation and improves operational efficiency in baggage handling at airports and other locations requiring reliable UHF RFID tag reading.

ANTENNAE



Times-7 A6031

The Times-7 A6031 is a slim, ultra-low profile circularly polarized flat panel antenna designed for UHF RFID applications, offering a read range of up to 4 m (13 ft). Its size and weight are comparable to a Tablet PC, allowing it to seamlessly integrate into office or retail settings.



Times-7 A6034

The SlimLine A6034 is an ultra-low, circularly polarized flat panel high gain antenna. Its total thickness is just 12 mm (0.5 inches). At 747 mm long (29.4 inches), it can do the job of two smaller antennas and can easily be wall or ceiling-mounted or incorporated into dock doors or portals.

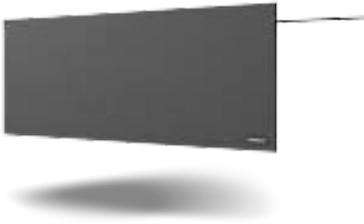


Times-7 A6034S

The SlimLine A6034S is an ultra-low profile circularly polarized flat panel high gain antenna. Its total thickness is just 12 mm (0.5 inch). With an even and narrow (50 degrees in both planes) beam, the A6034S provides for a highly accurate read zone.

ANTENNAE

Times-7 A6590C



The SlimLine A6590C is a hard wearing ultra-low profile circularly polarized ground antenna. At 915 mm by 305 mm (3 ft by 1 ft), it is a convenient doorway sized footprint. It is designed for applications tracking people movements through doors and entrance/exit ways or any products or assets where side antennas are unsuitable

Times-7 A7030C



The Times-7 A7030C, from the SlimLine range, is a customizable RFID antenna with an innovative 'Array-Ability' design. At just 8.5 mm thick, it combines a low profile with the performance of a circularly polarized UHF antenna. Its durable ABS construction and flexible mounting options make it ideal for retail item tracking, tool tracking, and real-time asset management, earning it the title of the smartest antenna on the shelf.

Times-7 A8060



The SlimLine A8060 is a unique door frame antenna that is just 10.5 mm thick (0.4 inches). At 650 mm long (25.6 inches) and 90 mm wide (3.5 inches), it can turn most existing doorways into an RFID portal/read point.

ANTENNAE

Impinj® Guardwall Conveyor Antenna



The Impinj® Guardwall RAIN RFID antenna, used in pairs, creates a controlled read zone ideal for conveyor systems. This design allows for effective item-level reading of packed goods by minimizing stray reads and enhancing reliability. The antennas absorb energy from each other, concentrating the RF field within the designated area for improved performance.

Impinj® Threshold Far Field



Originally created for boundary and threshold crossing scenarios, the Impinj® Threshold antenna features an exceptionally wide beam width to enhance zone coverage. When arranged in a linear, head-to-tail configuration, the Threshold antennas ensure a reliable and continuous read zone. Measuring 46 x 9 x 2 cm, the antenna's flat design easily adapts to fencing or other perimeter applications.



RUGGED & INDUSTRIAL COMPUTERS

**RUGGED NOTEBOOKS . RUGGED TABLETS . PANEL PCs & DISPLAYS . VEHICLE
COMPUTERS**

RUGGED NOTEBOOKS

DURABOOK Z14I Notebook



- 14.0" FHD DynaVue® sunlight readable display with 1200 nits
- Intel® Core™ Ultra processor with integrated NPU AI engine
- Hot-swappable battery design up to 21.5 hrs. with 2nd battery
- Coolfinity™ fanless design with tremendous I/O options
- Dual quick-release storage and standard backlit keyboard
- **MIL-STD-810H**, 6ft drop, IP66 certified and salt fog resistance
- **MIL-STD-416**, RF tampering prevention.



- Exceptional durability – 1.2m drop rating, **IP53, MIL-STD 810G**
- 14" Full HD LCD Display at 1000 nits (Sunlight readable) with DynaVue
- Hot-swappable battery (12hours)
- Smart interfaces including SIM and GPS
- Aluminum-magnesium alloy casing
- Multiple security components (Fingerprint, smart cards, RFID, etc.)
- Ideal for Military and other high-end applications.

RUGGED NOTEBOOKS

DURABOOK S14I Rugged Notebook



The New Durabook S14I features 8th Generation Intel CPU and class-leading drop spec/IP ratings which pushes semi-rugged devices to a whole new level. S14I is engineered to combine military-grade durability, field-worker functionality, desktop performance and long battery life for non-stop use. For workers in today's challenging and versatile working environments, Durabook S14I is the best choice. It is truly in a class of its own.



- Exceptional durability – 1.2m drop rating, IP53, **MIL-STD 810G**
- 14" Full HD LCD Display at 1000 nits (Sunlight readable) with DynaVue
- Hot-swappable battery (12hours)
- Smart interfaces including SIM and GPS
- Aluminum-magnesium alloy casing
- Multiple security components (Fingerprint, smart cards, RFID, etc.)

RUGGED NOTEBOOKS



DURABOOK S15I Rugged Notebook

- GPS and 5G/4G LTE WWAN
- Optional built-in smart card reader
- 15.6" FHD DynaVue® SR display with 1000 nits
- 12th Generation Intel® Core™ Processor
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3
- Support RAID 0 and RAID 1 810H



- Trusted Platform Management (TPM) chip for enhanced security
- 15.6" Full HD LCD Display
- Removable quick-release battery (8.5hours)
- Thinnest and lightest in its class
- Aluminum-magnesium alloy casing

Accessories:

- Car adapter

RUGGED TABLETS



DURABOOK U11i Rugged Tablet



A compact tablet with an all-inclusive range of I/O ports and comms. The modular design allows for cost effective customization and expansion. Built for secure and continuous use.

- Thin, light and durable
- 11.6" sunlight readable display
- Hot swappable battery
- **MIL-STD 810G / MIL-STD 461G / C1D2 / IP 65 / Fanless**
- Expandable and customizable
- Windows 10 Pro

RUGGED TABLETS



DURABOOK R11 Rugged Tablet



A compact tablet with an all-inclusive range of I/O ports and comms. The modular design allows for cost effective customization and expansion. Built for secure and continuous use.

- Thin, light and durable
- 11.6" sunlight readable display
- Hot swappable battery
- **MIL-STD 810G** / **MIL-STD 461G** / C1D2 / **IP65** / Fanless
- Expandable and customizable
- Windows 10 Pro

RUGGED TABLETS



DURABOOK R11L Rugged Tablet



Sleek and Compact with Enterprise-Class Performance.

- 11.6" FHD DynaVue® SR display with 1000 nits
- 12th Generation Intel® Core™ Processor
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3
- Long-Life Battery up to 15 hours
- Optional barcode, RFID & smart card reader
- Sleek and Compact with Enterprise-Class Performance
- **IP66** Certified
- 10-point capacitive multi-touch panel with four touch modes
- Ultra-thin and lightweight
- Sports the latest 4th generation Intel® Core™ processor
- 6" Widescreen Display
- Optional digitizer
- High Speed & Efficiency for the Most Demanding Tasks
- Superior Wireless Connectivity
- Sunlight Readable Display 730 nits
- **IP65** dustproof and waterproof rating

RUGGED TABLETS



DURABOOK U11-EX Rugged Tablet



A compact tablet with an all-inclusive range of I/O ports and comms. The modular design allows for cost effective customization and expansion. Built for secure and continuous use.

- Built for All. All in One.
- 11.6" FHD DynaVue® SR display with 1000 nits
- 12th Generation Intel® Core™ Processor
- ATEX Zone 2/22 certified
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3
- 20 hrs. Hi-Cap hot-swappable battery
- Coolfinity™ fanless thermal design
- Extreme Power, Ultra Compact.
- **IP66** Certified
- 10-point capacitive multi-touch panel with four touch modes
- Thin, light and durable
- 11.6" sunlight readable display
- Hot swappable battery
- **MIL-STD 810G / MIL-STD 461G / C1D2 / IP65 / Fan-less**
- Expandable and customizable
- Windows 10 Pro

RUGGED TABLETS



DURABOOK R8 Rugged Tablet



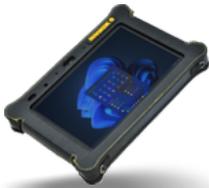
Sleek and Compact with Enterprise-Class Performance.

- 11.6" FHD DynaVue® SR display with 1000 nits
- 12th Generation Intel® Core™ Processor
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3
- Long-Life Battery up to 15 hours
- Optional barcode, RFID & smart card reader
- Sleek and Compact with Enterprise-Class Performance
- **IP66** Certified
- 10-point capacitive multi-touch panel with four touch modes
- Ultra-thin and lightweight
- Sports the latest 4th generation Intel® Core™ processor
- 6" Widescreen Display
- Optional digitizer
- High Speed and Efficiency for the Most Demanding Tasks
- Superior Wireless Connectivity
- Sunlight Readable Display 730 nits
- **IP65** dustproof and waterproof rating

RUGGED TABLETS



DURABOOK R8-EX Rugged Tablet



Extreme Power, Ultra Compact.

- 8.0" LCD DynaVue® SR display with 800 nits
- 12th Generation Intel® Core™ Processor
- ATEX Zone 2/22 certified
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3
- Long-Life Battery up to 17 hours
- Coolfinity™ fanless thermal design
- Extreme Power, Ultra Compact.
- IP66 CERTIFIED
- 10-point capacitive multi-touch panel with four touch modes
- Ultra-thin and lightweight
- Sports the latest 4th generation Intel® Core™ processor
- 6" Widescreen Display
- Optional digitizer
- High Speed and Efficiency for the Most Demanding Tasks
- Superior Wireless Connectivity
- Sunlight Readable Display 730 nits
- IP65 dustproof and waterproof rating

RUGGED TABLETS



M700DQ8-EX 7" Qualcomm® Snapdragon™ 660, ATEX Rugged Android PDA

Handheld rugged tablet by a Qualcomm® Snapdragon® 660 processor, delivering faster response times and enhanced performance. Featuring a 1D/2D Barcode scanner integration capabilities & optional NFC connectivity. With GPS/AGPS/GLONASS, WLAN, Bluetooth, and optional 4G LTE, for real-time communication. While the built-in 13.0MP rear camera allows instant photo, video & document capture - the 8.0MP front camera can be used for biometric ID verification.



M101AD-EX New Design 10.1" Windows ATEX Rugged Tablet with Intel® Core™ i5-1235U

A durable handheld 2D smart scanner featuring Bluetooth and WiFi connectivity. It is equipped with a powerful 3000mAh battery and is fully encapsulated. The device includes a Type-C charging interface and is **Zone 1** ATEX certified for use in Gas, Oil, and Mining sectors. It meets IP67 and **MIL-STD-810G** standards for ruggedness. Additionally, it offers an optional pistol grip and charging cradle for convenience.

RUGGED TABLETS



M-Android Tablet, M-Tab 8A 8" Ex ia Android Tablet ATEX Zone 1

The M-Tab-8A is a high-performance, rugged Android tablet, designed specifically for rugged environments. The light-weight, ruggedized construction is **IP-67** rated and can be used in harsh environments.

Specifications:

Operating System:	Android 8.1
Display:	8" 5 Point Touch Screen (10:16 1280x800 IPS)
Camera:	Front 2.0MP, Rear 13.0MP
CPU:	MTK MT8735A Quad Core
Storage:	2GB DDR3L + 32 GB
GSM:	B1/B2/B5/B8
3G WCDMA:	B1/2100; B2/1900; B5/850; B8/900
4G LTE:	TD-SCDMA (B34,B39); LTE TDD(B38,B39,B40,B41)/FDD(B1,B2,B3,B4,B5,B6,B7,B8,B17,B20)
WiFi:	WIFI 802.11 (a/b/g/n)
Speaker:	Embedded 8Ω / 0.8W Waterproof Speaker x1
BT 4.0:	BT4.0
TF Storage:	Max support 128GB
Battery:	3.7V/8500mAH
Dimensions:	214mm * 138.6mm * 22mm
Weight:	650g
IP Rating:	IP 67
Accessories:	Adapter, USB Cable, Straps Package Optional

Certifications:

EMC Approval:	CISPR32, SANS 61000-3-3, SANS 61000-4-2,3,4,5,6,8,9,11
MASC Approval:	MASC M19-8115X

RUGGED TABLETS



M-Tab 8W, M-Windows Tablet 8" Ex ia Windows Tablet ATEX Zone 1

The MW-Tablet is a high-performance, rugged Windows tablet, designed specifically for rugged environments. The light-weight, ruggedized construction is **IP-67** rated and can be used in harsh environments.

Specifications:

Operating System:	Windows 10 Professional
Display:	8" (10:16 1280x800 IPS)
Camera:	Front 2.0MP, Rear 5.0MP
CPU:	MTK MT8735A Quad Core
Storage:	4GB DDR3L + 64 GB
GSM:	2G (GSM/GPRS/EDGE) – 900&1800MHz
3G WCDMA:	WCDMA(900/2100MHz)
WiFi:	WIFI 802.11 (a/b/g/n)
Speaker:	Built-in 8Ω/0.8W x 1
BT 4.0:	BT4.0
TF Storage:	Support SDHC/SDXC
Battery:	Lithium-ion Polymer 8,300mAh 3.7V
Dimensions:	214mm * 138.6mm * 22mm
Weight:	650g
IP Rating:	IP 67
Accessories:	Adapter, USB Cable, Straps Package Optional

Certifications:

EMC Approval:	CISPR32, SANS 61000-3-3, SANS 61000-4-2,3,4,5,6,8,9,11
MASC Approval:	MASC M/18-3012X

PANEL PCs & DISPLAYS, VEHICLE COMPUTERS

R19IHAT-66EX-T

19" ATEX Panel PC with Intel® Core™ i51135G7



The R19IHAT-66EX is an **ATEX Zone 2** certified 19" panel PC designed for remote data collection and control in explosive environments. It features full **IP66** protection against dust & water, complies with **MIL-STD-810F** standards, and is suitable for in-vehicle use. The I/O ports are protected with EX-Type brass cable glands for added safety. Powered by an Intel® Core™ i5/i7 CPU, it delivers high performance for demanding tasks while utilizing a fan less thermal system for efficient heat dissipation.

Lilliput PC-701 Embedded Industrial PC



Compact terminal created for an industrial environment. Easily mountable and installed with PoE capability. Supports Android and Linux operating systems and has a wealth of connectivity options.

- Rugged industrial design with aluminium alloy housing
- 7" touch screen
- PoE (Power over Ethernet)
- 3G/4G/WiFi/Bluetooth/Serial ports/Gpio/CAN bus/LAN
- Android or Linux
- ISO 7637-2



Lilliput PC-9715



Compact and versatile industrial terminal. The PC-9715 is ideal as a vehicle mounted computer and fixed installation is simplified through PoE and built in mounting brackets. Supports Android, Linux or Windows operating systems and has a wealth of connectivity options.

- Rugged industrial design and IP64 rating
- 9.7" touch screen
- PoE (Power over Ethernet) and internal 5000mAh battery
- 3G/4G/WiFi/Bluetooth/Serial ports/Gpio/CAN bus/LAN
- Android, Linux, Windows



PANEL PCs & DISPLAYS, VEHICLE COMPUTERS

NAGASAKI RUGGED PANEL PC

Nagasaki designs and manufactures world leading panel and box PCs for a range of industries and fields that require specialized computing hardware. Their products confidently cater for the needs in a wide variety of fields.

LCD: 7" to 65" Touch or Vandal Glass

250 to 1000 cd/m²

11th Gen to 4th Gen : i7, i5, i3

11G J6412, 7G 3965, 6G N3350

8x USB3.2, 4x USB, 4x LAN

DP, HDMI, VGA Outputs

2~4x COM, ~64GB RAM,

M.2 2280 Ultra Fast SSD

Mil. or Standard Connectors

AC90~264V or DC18~32V





Contact Us

Talk to us about your specific needs or any questions you have about our products. Speak to our experts.

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