



CISPER

CISPER
ELECTRONICS

THE RFID COMPETENCE CENTER

AUTO-ID SHORT FORM CATALOG

THE EUROPEAN RFID COMPETENCE CENTER

Cisper is a UHF RFID distribution specialist based in The Netherlands. Cisper's team has extensive experience with UHF RFID.

Cisper distributes RFID technology developed and manufactured by the world leaders in the market. RFID with added value is our company motto.

Cisper delivers high quality and high performance RFID products from our local stock and provides system integrators with accurate and to the point technical and commercial recommendations and support.

How will you benefit from working with us?

- *Short lead times*
- *Quick responses to your questions and comments*
- *Fast technical support*
- *You will choose the correct product*
- *High end UHF RFID products at competitive pricing*



FOREWORD

Over the recent years, we have seen a rapid development of a wide range of RFID technologies. This opened up new business application possibilities. UHF RFID offers advantages that can not be overlooked anymore.

UHF RFID offers:

To the Manufacturer

- Better customer service
- More efficient processes
- Faster billing
- Easier creation of advanced shipping notices

To the Distributor

- Reduced stock levels
- Higher shipping accuracy
- Faster more reliable deliveries
- Better traceability
- Greater cost savings

To the Retailer

- Faster processes
- Less out of stocks
- Better customer service
- Increased sales

No wonder that UHF RFID technology has already gained wide prominence in applications such as supply chain management, cargo tracking, asset management, healthcare, document tracking, contactless payments, library systems, and even human implantation.

Cisper Electronics has seen and experienced a rapid growth in the Global UHF RFID business during the recent years. We think that by 2020, RFID technology will have inserted itself into our daily lives the way that bar code technology did during the last decades.

A typical RFID system consists of three primary components: tags, readers, and reader antennas. We believe it is our role to "unburden" our customers by offering a range of high quality and complementary UHF RFID products. In this brochure you can find all the 'state of the art' products you need to build a solution for your customers.

Please use and keep this brochure as reference guide. It offers you a helpful overview of high UHF RFID products from world leading vendors.

We trust you will enjoy and benefit from this publication.



Leon de Ridder



Arthur Fioole

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Impinj® Inc. is the world's leading provider of UHF Gen 2 RFID solutions. The company delivers a wide range of products and solutions including high-performance tag chips, readers, reader chips, software and antennas. Impinj products provide unprecedented performance, integration and cost effectiveness to a global customer base, in applications across numerous vertical markets.

Impinj maintains market leadership in UHF Gen 2 innovation. All Impinj products perform accurately and reliably. The Impinj reader products have built-in capability to adapt to changing and challenging environments.

**EVALUATION KIT
SPEEDWAY® REVOLUTION**



- Speedway R420 reader
- Set of antennas
- Tag sample pack
- Access to firmware, testing software and programming libraries

IMPINJ READER ANTENNAS



- Full range of UHF Gen 2 reader antenna products
- Tightly controlled read zones
- Application-optimised beam width

**INTEGRATED PORTAL READER
SPEEDWAY® XPORTAL™**

Build a portal with the high performance, flexible and low cost Impinj Speedway xPortal.

- Light-weight, low profile unit
- EPCglobal UHF Class 1 Gen 2
- Dual-Linear Phased Array (DLPA) antenna technology
- High impact strength, UV, chemical and cleaning solution resistant

**SPEEDWAY®
XPORTAL**



with AUTOPILOT

**NEAR FIELD ANTENNA
IMPINJ MATCHBOX**



The Impinj MatchBox near field antenna offers the smallest form factor in the market. The groundbreaking MatchBox is ideally suited for embedded applications that require RFID capability with short-range, well-defined read zones.

With a size of only 7.3 x 3.3 x 1.1 cm and an integrated 20 cm SMA pigtail cable, the MatchBox antenna mounts easily into small spaces. The MatchBox antenna provides broadband support for the UHF frequency band of 860-960 MHz.



Speedway® Revolution RFID Reader

SPEEDWAY® REVOLUTION

SPEEDWAY® REVOLUTION READER

The Impinj Speedway Revolution incorporates innovative Autopilot technology to deliver new standards in RFID reader performance, ease of use, versatility, reliability and cost of ownership.

AUTOPILOT

Application environments are dynamic. Everything from RF interference, tag quantity, and ambient RF noise to building materials near an RFID installation affect system performance. Most users configure their RFID readers for worst case scenarios, often compromising best performance in the process.

With its innovative Autopilot features, Impinj's Speedway® Revolution RFID reader delivers peak performance. All day, every day.

SUPERIOR PERFORMANCE MADE EASY

With Autopilot, a set of unique firmware features work together to automatically optimize the RFID reader's operation for its environment:

Autoset - continuously optimizes the reader's configuration for the best, most reliable performance

Low duty cycle - reduces RF interference, power consumption, and energy costs

Dynamic antenna switching - improves throughput and helps the reader work more efficiently

The Speedway Revolution RFID reader also delivers increased application flexibility via support for Power over Ethernet (PoE), which simplifies deployment and dramatically reduces cost by eliminating the need for AC outlet installation at read points.

- 2 and 4 antenna port configurations
- Power over Ethernet and WAN connectivity
- Autopilot technology for optimal performance
- Best receive sensitivity and interference rejection
- Industry standard LLRP



CISPER ELECTRONICS CHOSE THE IMPINJ PRODUCT LINE AS THE BASES FOR THEIR UHF RFID PORTFOLIO. IMPINJ IS A GLOBAL MARKET LEADER IN UHF GEN2 TECHNOLOGY WITH A PROVEN TRACK RECORD OF TECHNOLOGICAL INNOVATIONS. BY USING IMPINJ PRODUCTS, SOLUTION PROVIDERS EASILY ACHIEVE PERFORMANCE ADVANTAGES THAT OUTPERFORM COMPETITION.

Impinj, defining the future of RFID, where superior performance comes easy.

Times-7 delivers world class UHF RFID products that provide clients with fast, reliable and accurate identification of assets. Their products offer you cost-effective solutions to improve business outcomes, reducing risk and lowering operational costs.

The highly experienced Times-7 team have a unique combination of RFID design, system engineering and manufacturing know-how. The Times-7 engineers have many years experience developing radio frequency (RF) solutions for Race timing and Airport applications. The company holds many patents in this field. Times-7 is a valuable partner for RFID design, engineering and implementation of projects.

Times-7 products are available for the US (FCC) 902 MHz-928 MHz band and the European (ETSI) 864-869 MHz band.

A6020 PORTAL ANTENNA



The A6020 is Times-7's latest generation portal antenna for conveyor-belt based UHF RFID applications. The portal provides a high level of read sensitivity and can easily be installed into existing infrastructures.

The advanced Times-7 underbelt antenna rests on the conveyor tray directly beneath the moving belt; this is unique to Times-7. The side and top antennas are chosen from the Slimline series and produce an even, balanced field.

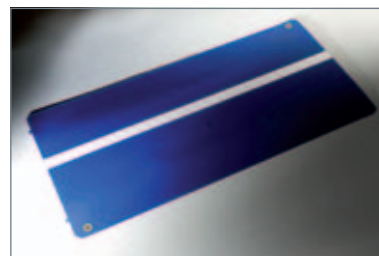
Mounting and connection options are extremely flexible. The antenna's near-field and far-field radiation patterns are optimised to read tags directly on or close to the belt.

**INDUSTRIAL ANTENNA
SLIMLINE SERIES**



The Slimline series of Industrial antennas consist of a range of ultra-low profile circular polarised flat panel antennas. The total thickness of the antennas is only 12 mm, this makes that they can be used where available physical space is constrained. The rugged design is suitable for a variety of industrial and retail applications.

**GROUNDMAT ANTENNA
A5530 SLIMLINE**



The Groundmat A5530 SlimLine antenna is an ultra-low profile ground mat antenna. Its total thickness is just 12 mm. The mat antenna can be used for UHF RFID applications and is optimized for moving products or assets, in particular where side antennas are unsuitable. Its rugged, durable design is suitable for industrial applications.



CISPER ELECTRONICS HAS CHOSEN TO REPRESENT TIMES-7 BECAUSE OF ITS HIGH QUALITY RANGE OF ANTENNA PRODUCTS IN COMBINATION WITH THEIR PRACTICAL, SUPPORTIVE AND PRAGMATIC APPROACH.

TOSHIBA TEC is a Japan based world leader in the Electronics Industry. They aim to provide high quality products, solutions and services and have developed their own proprietary RFID modules offering very high reliability and flexibility.

Toshiba Tec's high end printers stand out on quality, flexibility, speed and durability. Implementation of RFID into existing systems and procedures is made easier with Toshiba Tec products.

RFID READY PRINTER SERIES TOSHIBA TEC B-SX



TOSHIBA TEC PRINTER

The B-SX series takes the mystery out of RFID by treating the addition of encoding as just another barcode. Simply by selecting the RFID Barcode in the windows driver or sending the command to the printer as part of a format, the printer will encode the data based on the module fitted and the chip detected.

Frequencies available are 915 MHz (USA) and 869.5 MHz (EU) in the UHF range and 13.56 MHz in the HF range.

- *Modular RFID upgrade for non-RFID printers*
- *Read / Write capability for both UHF and HF applications*
- *Capable of handling a variety of RFID smart labels and tags*
- *Ribbon save module to reduce the costs of ownership*
- *TOSHIBA TEC NE floating head technology to avoid impact damage to the programmed chip*
- *Sprint Technology to print & program RFID inlays at high throughput speed*
- *Automatic Gain Control (AGC) functionality to assure 100% read-rate of all programmed tags/labels*



CISPER ELECTRONICS BELIEVES THAT THE TOSHIBA TEC RFID ENABLED PRINTERS ARE BEST IN CLASS. DUE TO TOSHIBA TEC'S PROPRIETARY TECHNOLOGY LEAD TIMES ARE SHORT. THEIR UHF RFID PRINTERS ARE A REAL 'FIT' TO CISPER'S PRODUCT PORTFOLIO.

Nordic ID is the leading manufacturer of mobile computers for mobile data collection. Their mobile computers are used in retail, logistics, industry and services to collect barcode and RFID data.

In addition to the flexibility and reliability of the Nordic-ID devices, customers appreciate that the devices are user-friendly and lightweight. The "Easy to handle" products offer various wireless transmission possibilities via WLAN, Bluetooth, GSM and GPRS.

NORDIC ID MORPHIC



The Nordic ID Morphin is a mobile computer for data collection and voice communication purposes. It offers a full range of functionalities in a small and ergonomic package.

The backwards compatibility of the device provides a neat fit with your existing systems. Data collection with the powerful Nordic ID Morphin is equally flexible, the device is equipped with a laser scanner, 2D imager or an UHF RFID reader.

Data transmission can be operated with WLAN or GPRS. Also a GSM phone option is available. The offered functionalities make the Nordic ID Morphin UHF RFID an allround tool for professional use inside and out from four walls.

NORDIC ID MERLIN



Nordic ID Merlin is a robust, high performance RFID handheld reader with future-proof, backwards-compatible design that enables software upgrades to be performed centrally, updating units while they are in the field.

The Nordic ID Merlin platform is ideal for a variety of production uses and commercial applications, these products include: Nordic ID Merlin UHF RFID, Nordic ID Merlin Cross Dipole UHF RFID, Nordic ID Merlin HF and the Nordic ID Merlin. Each device is flexible by design, allowing customers to select from various identification and communication options to meet their organizations specific needs.

Nordic ID products offer:

- *Windows® CE operating system and standard browser*
- *2-year warranty*
- *WLAN, GPRS or GSM communication*
- *Ergonomic and robust design for single-hand operation*
- *Reliable technology*
- *Sharp and bright colour display*



THE NORDIC-ID PRODUCTS ARE COMPLEMENTARY TO CISPER'S PRODUCT PORTFOLIO BECAUSE THEY ARE HIGH QUALITY, HIGH PERFORMANCE PRODUCTS. IF YOU WANT THE HIGHEST QUALITY UHF HAND HELD DEVICE AVAILABLE IN THE MARKET TODAY YOU SHOULD GO FOR A NORDIC ID PRODUCT. MAJOR END USERS ARE SUCCESSFULLY USING THEM TODAY.

The ATID RFID mobile computers helped many companies to keep their IT information and data organized and accessible. ATID's company motto is to enhance their customer's IT infrastructure by developing and offering mobile RFID solutions.

The modular build of the ATID hand held readers offers the possibility to easily adapt the hand held to your needs.



AT-870 HANDHELD TERMINAL

The recently introduced AT-870 rugged hand held Terminal for mobile computing. The AT-870 is modular build and offers functionality such as: wireless computing capabilities including Bluetooth and GPS, camera function and UHF and HF RFID. This durable dust and water resistant device supports basic product that enables you to increase productivity.

CISPER ELECTRONICS HAS ADDED THE ATID UHF HAND HELD PRODUCT TO THEIR PORTFOLIO BECAUSE OF IT'S MULTIFUNCTIONAL POSSIBILITIES.



Build a Portal Solution with Impinj®

Speedway® xPortal™, the new compact, flexible and high-performance integrated portal reader

The Speedway xPortal provides superior performance in the most demanding applications and is the smallest, most flexible and cost-effective RFID portal solution on the market.

The Speedway xPortal is designed for indoor environments in retail, office, civil and hospital applications and is ideal for monitoring tagged items, pallets, equipment, files or people passing through doorways.

Key features at a glance

- High read performance due to revolutionary Dual-Linear Phase Array antenna technology
- Low installation costs due to Power over Ethernet (PoE) IEEE 802.3af





Tracetech-ID is a Barcelona based company specialized in the development and manufacturing of UHF dry and wet inlays, paper labels and special labels. Their products are being successfully used in ham tagging, apparel and supply chain management applications.

It is Tracetech's mission to collaborate with end users and technology partners to realize process improvements. To develop scalable RFID based solutions to identify all kind of products and to manufacture inlays and labels in Europe to be more flexible and give the customer the most appropriate product to fit his needs.

All below shown Impinj design tag antennas can be delivered in a wide variety of label formats.

IMPINJ MONZA 4 TAG CHIPS



Delivers:

- Unique privacy, performance and memory benefits
- Industry's best read and write sensitivity
- True3D™ antenna technology
- Two fully independent antenna ports

TJ14 BUTTONTRACE



- 12 mm in diameter
- True near field design.
- Ideal for item level tagging and for use with liquids in for example the pharmaceutical industry.

TE14 THINPROPELLER



- 97 x 12 mm
- True far field design inlay.
- Ideal for applications where long read ranges are needed.
- Often used in industrial applications and for pallet and box tagging.

TJ24 BLADETRACE



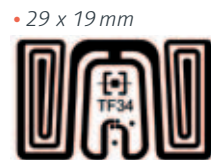
- 15 x 8 mm
- Ideal for item level tagging and for use with liquids in for example the pharmaceutical industry.

TB24 RINGTRACE



- 22 x 8 mm
- Hybrid design with near and far field characteristics.
- Ideal for item level tagging applications of small items such as in jewellery retail and pharmaceutical industry.
- The best relation between performance and size.

TF34 SATELLITE



- Hybrid design with near and far field characteristics.
- Ideal for item level tagging applications such as apparel and books.
- Best relation between performance and size.

TH24 HAMTRACE



- 44 x 44 mm
- High performance design with two individual crossed antennas in one inlay.
- True 3D performance, insensitive to tag orientation.
- Ideal for industrial applications and access control.

TE24 APPARELTRACE



- 70 x 20 mm
- High performance design.
- Designed for far field applications like apparel, access control and asset tracking.
- Relatively insensitive to tag orientation

CISPER ELECTRONICS HAS SELECTED TRACETECH-ID AS A PARTNER BECAUSE THEY ARE SPECIALIZED IN THE MANUFACTURING OF IMPINJ DESIGNED TAG ANTENNAS AND SPECIAL TAGS. THEIR IMPINJ DESIGNED PRODUCTS ARE ALL EQUIPPED WITH THE LATEST IMPINJ MONZA4 RANGE OF TAG CHIPS. ALL THEIR PRODUCTS ARE PRODUCED IN EUROPE WITH SHORT LEAD TIMES WHICH WILL HELP YOU WITH DEVELOPING THE SOLUTION FOR YOUR CUSTOMERS.

UPM

UPM RFID, part of UPM's Engineered Materials business group, is the world's number one producer of HF and UHF radio frequency identification (RFID) tags and inlays.

UPM RFID offer their UHF product line to the global market. Their Broadband RFID antenna designs enable end-users to reach and sustain consistently high levels of performance in all UHF frequency regions around the world. This offers competitive and logistical advantages for all companies with manufacturing, distribution and customers located in different parts of the world. The same RFID tag can be used by all members of the supply chain!

UPM DOGBONE



The UPM Dogbone design is a General purpose high-end product widely used in global supply chain management applications and Race Timing. It is very well suited for pallet, case and item-level tagging. The tag is optimized for corrugated cardboard, plastic and highly detuning materials. The Dogbone is used by Walmart, DoD and METRO Group.

UPM WEB



The UPM Web design is ideal for item-level apparel and accessory applications. The tag is optimized for inventory management processes, point-of-sale, Anti-Theft and brand authentication. It has relatively orientation insensitive and has excellent close coupling performance.



CISPER ELECTRONICS IS AN OFFICIAL UPM PRO RFID ALLIANCE PARTNER.

INVENGO

Over a decade, Invengo products have helped various companies and industries meet their business needs by implementing RFID technology.

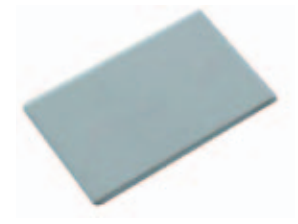
Invengo provides a complete UHF product line which includes inlays, tag and labels. Railway transportation, intelligent traffic/ETC, warehouse, logistics, retail, library, automatic weighing, assets tracking and management and pharmaceuticals are applications in which Invengo products are used.

XC-TF8023-C06



The Invengo XC-TF8023-C06 is a robust omni directional inlay conforming to EPCglobal Class 1 Gen 2 and ISO 18000-6C. Enabled with True 3D Impinj antenna technology, the XCTF8023- C06 achieves orientation insensitivity as well as excellent performance, eliminating orientation related missed reads or blind spots particularly in item-level applications.

XCTF-8500



The Invengo Windshield Sticker Tag XCTF-8500 is a dedicated passive intelligent transponder compliant with the EPCglobal Class 1 Gen 2 & ISO 18000-6C. With a flexible sticker, this tag is optimized to address application areas which demand long reading distances and high anti-collision rates.

XCTF-8200A-C03



The Invengo XCTF-8200A-C03 is a passive UHF PVC smart card designed for superior read/write performance. The smart card complies to EPCglobal Class 1 Gen 2 and ISO 18000-6C, this smart card shows unsurpassed UHF performance.

WITH THE INVENGO INLAYS AND TAGS CISPER ELECTRONICS HAVE ADDED HIGH-PERFORMANCE GLOBALLY USED PRODUCTS TO THEIR PORTFOLIO. INVENGO PRODUCTS ARE SELECTED BY MAJOR END-USERS SUCH AS WALMART IN THE US.

Confidex is a leading supplier of UHF RFID tag solutions and services which help to make supply chains and authentication of goods more efficient and secure.

The companies strengths lie in RFID tag design, RF engineering and product customisation. The Confidex UHF RFID tags have been designed to be used directly on metal surfaces and are often encapsulated to provide resistance against exposure.

CONFIDEX IRONSIDE™



The most durable tag for challenging industrial asset management and logistics applications with certified performance.

- EPC Class 1 Gen 2 compliant passive on-metal tag
- Read range: 6-7m
- Memory 240bit EPC/512bit EPC+
- IP68 rating

STEELWAVE MICRO™



Miniature tag for a wide variety of IT asset management applications.

- EPC Class 1 Gen 2 compliant passive tag
- Read range: 3-4m
- Memory 96 bit/240bit EPC + 512bit
- IP67 rating
- Ideal for tagging IT equipment

SURVIVOR™



All purpose tag for logistics and transportation applications with top performance.

- EPC Class 1 Gen 2 compliant passive tag
- Read range: 8-12m
- Memory 240bit/512bit EPC +
- IP67 rating

WITH ADDING CONFIDEX PRODUCTS TO THE CISPER ELECTRONICS' PORTFOLIO WE OFFER YOU A WIDELY USED RANGE OF RUGGED TAGS FOR A WIDE RANGE OF INDUSTRIAL APPLICATIONS.

RF-Camp is a well-established Korean Company. Since 2004 RF-Camp develops and manufactures a wide range of passive RFID tags.

RF-Camp is the manufacturer of the well-known Titantag series. These tags perform very well in any high temperature environment. Furthermore, RF-Camp is a specialist in 'on-metal' tags.

SPECIAL TITANTAGS FOR HARSH ENVIRONMENTS



All the RF-Camp Titantags:

- Resist temperatures from -45°C to 200°C
- Are resistant to high air and water pressure, mechanical shock, vibration and chemical stress



CISPER ELECTRONICS BELIEVES THAT THE SPECIALIZED RF-CAMP TAG SERIES IS A VALUABLE ADDER TO OUR PORTFOLIO. THE RF-CAMP PRODUCTS ENABLE YOU TO USE UHF TAGS IN AREAS WHERE ENVIRONMENTAL CONDITIONS MAKE THE USE OF CONVENTIONAL TAGS IMPOSSIBLE.



IMPINJ

ARTICLE CODE	DESCRIPTION
IPJ-REV-R220-EU11M1	2-port Speedway Revolution reader for ETSI region
IPJ-REV-R220-USA1M1	2-port Speedway Revolution reader for FCC region
IPJ-REV-R420-JPN1M1	4-port Speedway Revolution reader for Japan region
IPJ-REV-R420-EU11M1	4-port Speedway Revolution reader for ETSI region
IPJ-REV-R420-USA1M1	4-port Speedway Revolution reader for FCC region
IPJ-REV-R420-GX11M1	4-port Speedway Revolution reader for APAC region
IPJ-REV-R420-GX21M1	4-port Speedway Revolution reader for RSA and China region
IPJ-REV-R640-EU11M1	R640 Impinj X-Portal for ETSI region
IPJ-REV-R640-USA1M1	R640 Impinj X-Portal for FCC region
IPJ-REV-R640-GX11M1	R640 Impinj X-Portal for APAC region
IPJ-REV-R640-GX21M1	R640 Impinj X-Portal for RAS & China region
IPJ-DREV420-EU1	Speedway Evaluation Kit for ETSI region
IPJ-DREV420-USA	Speedway Evaluation Kit for FCC region
IPJ-DREV420-GX1	Speedway Evaluation Kit for APAC region
IPJ-DREV420-GX2	Speedway Evaluation Kit for RSA and China region
IPJ-A1000-EU1	LHP Far Field Antenna with integrated 8ft cable for ETSI region
IPJ-A1000-USA	LHP Far Field Antenna with integrated 8ft cable for FCC region
IPJ-A1001-EU1	RHP Far Field Antenna with integrated 8ft cable for ETSI region
IPJ-A1001-USA	RHP Far Field Antenna with integrated 8ft cable for FCC region
IPJ-A0400-EU1	Near Field Brickyard Antenna with integrated 7ft cable for ETSI region
IPJ-A0400-USA	Near Field Brickyard Antenna with integrated 7ft cable for FCC region
IPJ-A0402-EU1	Guardwall Conveyor Antenna with integrated 6ft cable for ETSI region
IPJ-A0402-USA	Guardwall Conveyor Antenna with integrated 6ft cable for FCC region
IPJ-A0404-000	MatchBox Near Field Broadband Antenna
IPJ-A0303-000	Mini Guardrail Near Field Broadband Antenna
IPJ-A0311-EU1	Linear Polarized Threshold Antenna for ETSI region
IPJ-A0311-USA	Linear Polarized Threshold Antenna for FCC region
IPJ-A2001-000	Universal Power supply for Speedway reader, xPortal and GPIO unit
IPJ-A2051-XXX	Power cord for several regions
IPJ-A3002-000	2 meter Antenna Cable, SMA to R-TNC
IPJ-A3004-000	4 meter Antenna Cable, SMA to R-TNC
IPJ-A3008-000	8 meter Antenna Cable, SMA to R-TNC
IPJ-A4000-000	Console Cable for Impinj Speedway Reader communication
IPJ-A5000-000	Revolution GPIO Unit
IPJ-A2000-EU1	Sample pack Impinj partners tags and inlays

TIMES-7



Ultra-Rugged A4000	Rugged Industrial Linear Polarised UHF Antenna for ETSI region
Slimline A5530	Linear Polarised Groundmat UHF Antenna for ETSI region
Slimline A6011	Circular Polarised UHF Underbelt Antenna for ETSI region
Slimline A6015	Circular Polarised UHF UnderArray Antenna for ETSI region
Slimline A6020	RFID Portal Antenna for ETSI region
Slimline A6031	Circular Polarised UHF Antenna
Slimline A6032	Circular Polarised UHF Antenna
Slimline A6034	Circular Polarised UHF Antenna
Slimline A6034s	Circular Polarised UHF Antenna

TOSHIBA TEC



B-SX4T-GS20-QM-R	4", 8 dots (203 dpi), high end quality industrial printer
B-SX5T-TS22-QM-R	5", 12 dots (300 dpi), high end quality industrial printer
B-SX704-RFID-U2-EU-R	RFID UHF Module for B-SX4/5 (excl. mounting)
B-SX6T-TS12-QM-R	6", 12 dots, High Throughput printer
B-SX708-RFID-U2-EU-R	RFID UHF module for SX6 (excl. mounting)
B-SX8T-TS12-QM-R	8", 12 dots, High Throughput printer
B-SX708-RFID-U2-EU-R	RFID UHF module for SX8 (excl. mounting)

• For all the Toshiba-Tec printers accessories are available on request



NORDIC ID

ARTICLE CODE	DESCRIPTION
HTB00009	Morphic UHF RFID Summit Edge laser with WLAN
HTB00011	Morphic UHF RFID Summit Edge with WLAN
HTB00012	Morphic UHF RFID Edge Laser
HTB00014	Morphic UHF RFID Edge
HTB00016	Morphic UHF RFID Summit with WLAN
HTB00015	Morphic UHF RFID Summit Laser with WLAN
HTE00010	Merlin HT Black UHF
HTE00014	Merlin HT Black UHF Imgr2D
HTE00015	Merlin HT Black UHF Imgr2D with WLAN
HTE00016	Merlin HT Black UHF Imgr2D with GPRS
HTE00017	Merlin HT Black UHF Imgr2D with WLAN & GPRS
HTE00022	Merlin HT Black Cross Dipole UHF
HTE00026	Merlin HT Black Cross Dipole UHF Imgr2D
HTE00027	Merlin HT Black Cross Dipole UHF Imgr2D with WLAN
HTE00028	Merlin HT Black Cross Dipole UHF Imgr2D with GPRS
HTE00029	Merlin HT Black Cross Dipole UHF Imgr2D with WLAN & GPRS

• For all the Nordic ID Terminals accessories are available on request



ATID

AT-870 Standard (1D & WLAN)	Compact and Robust Hand Held Terminal
UHF Module for AT-870	UHF Module for AT870
GSM/GPRS	GSM?GPRS for AT870
Gun Handle with extra Battery	Gun Handle for AT870
Camera unit	Camera for AT-870
WLAN Module	WLAN Module for AT870
Bluetooth	Bluetooth for AT870
Cradle	Cradle for AT870



TRACETECH-ID

TJ14 Button	Diameter 12mm Near Field tag for item level tagging
TJ24 Blade	15x8mm Near Field tag for item level tagging
TB24 Ring	22x8mm Hybrid design for item level tagging
TF34 Satellite	29x19mm Hybrid design for item level tagging
TH24 Ham	44x44 Square design with True 3D orientation insensitive performance
TE24 Apparel	70x20mm Far Field high performance Apparel tag
TE14 Thin Propeller	97x12mm Far Field tag with long read range

• Please consult us for customized special tags from Tracetechn ID
 • Also available: Dry and Wet Inlay for use in Airline baggage tags



UPM RAFLATAC

UPM Trap	Item level tag with Monza3
UPM Satellite	Multi purpose mid range tag with Monza3
UPM Web	Apparel tag with Monza4
UPM Belt	Multi purpose short range tag with Monza3
UPM Spine	Thin tag design for book tagging applications with Monza3
UPM Short dipole	Multi purpose long range tag with Monza3
UPM Dogbone	Multi purpose long range tag
UPM Frog	True 3D orientation insensitive high performance tag



INVENGO

ARTICLE CODE	DESCRIPTION
XCTF-8013-C04	Dry Inlay 30x15mm with Monza3
XCTF-8013-C04-FSI wet	Wet Inlay 30x15mm with Monza3
XCTF-8013-C04-Paper Face	Paper face label 30x15mm with Monza3
8030B-C04 Dry Inlay	Dry Great Wall Inlay with Monza3
8030B-C04-FSI Wet Inlay	Wet Great Wall Inlay with Monza3
XCTF-8009-C04 dry inlay	Dry Button Inlay diam. 12mm with Monza3
XCTF-8009-C04 wet inlay	Wet Button Inlay diam. 12mm with Monza3
XCTF-8024-C06	Dry Inlay 50x30mm with Monza4D
XCTF-8024-C06-FSI wet	Wet Inlay 50x30mm with Monza4D
XCTF-8024-C06-Paper Face	Paper face label 50x30mm with Monza4D
XCTF-8023-C06	Dry Inlay 65x65mm with Monza4D
XCTF-8023-C06-FSI wet	Wet Inlay 65x65mm with Monza4D
XCTF-8023-C06-Paper Face	Paper face label 65x65mm with Monza4D
XCTF-8108 -C04 Dry Inlay	Dry Inlay for jewelry tag with Monza3
XCTF-8108 -C04 Wet Inlay	Wet Inlay for jewelry tag with Monza3
XCTF-8108 -C04 Paper Face	Jewelry tag with Monza3
XCTF-8013-C04 Hang Tag	Apparel hang tag with Monza3
XCTF-8024-C06 Hang Tag	Apparel hang tag with Monza4D
XCTF-8023-C06 Hang Tag	Apparel hang tag with Monza4D
XCTF-8113-C02	Laundry tag with Monza4QT
XCTF-8102 Library Tag	Library tag with U-code G2
XCTF-8200A-C02 PVC ID Card	PVC ID Card tag with U-code G2
XCTF-8201A PET ID Card	PET ID Card tag with U-code G2

CONFIDEX



Ironside Micro (ETSI) 3000261	On-metal tag with square inch foot print
Steelwave Micro (ETSI) 3000127	Miniature tag for IT asset management
Survivor (ETSI) 3000064	All purpose on-metal tag for asset management
Ironside (ETSI) 3000071	Tag for challenging industrial applications
Steelbyte	FSTC compliant tag for IT asset tracking
Captura (ETSI) 3000264	Durable all purpose hang tag
Halo (ETSI) 3000068	A light weight multi purpose on-metal tag
Steelbit (ETSI) 3000167	FSTC compliant tag for IT asset tracking
Carrier TOUGH	Tag for reliable plastic container and RTI tracking
Carrier 3000253 (ETSI) 3000253	Washable UHF RFID label for plastic crates
Carrier Pro (ETSI) 3000254	Special washable label for returnable plastic containers
Casey 3000104	General purpose label
Pino 3000067	Special label for wooden pallet identification
SteelWING 3000126	Metal tuned UHF label with excellent performance on all surfaces

RF-CAMP



Titantag Smallest on-metal	Very small on-metal multi purpose tag (38x10x3mm)
Titantag Smallest	Small non-metal tag for harsh environments (45x10x3mm)
Titantag Ultrathin	Very thin multi purpose on-metal tag (75x15,9x1,9mm)
Titantag Basic	Unparalleled Robust Metal Mounting Solution (92x15,8x3,2mm)
Titantag Magnet	Multi purpose high performance tag with magnet (92x15,8x5,6mm)
Titantag Fastener	Hard tag for on-metal and non-metal applications (148x18,2x3,2mm)

- All the RF-Camp Titantags:
- Resist temperatures from -45°C to 200°C
- Are resistant to high air & water pressure, mechanical shock, vibration and chemical stress

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