identix

RAIN RFID

Product Catalog

RFID that plugs in and works.









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One platform, from module to portal

Identix designs RAIN RFID readers, antennas, portals and embedded modules. Every network reader runs the same software, so devices configure and integrate the same way.

Keyboard emulation

USB HID and BLE on iOS, Android, Windows and Linux

Every channel at once

MQTT, REST, TCP sockets and WebSockets together

One universal API

Same configuration payloads on all channels, JSON or custom output

GS1 on the device

EPCs decoded locally, following GS1 TDS

Impinj heart. Identix design.

Impinj reader chips sit at the core of our readers, handheld and modules. Identix is a Gold member of the Impinj Partner Network.

IMPINJ Partner Network GOLD · RAIN RFID · GEN2X™



Readers

RAIN RFID readers from the checkout counter to the dock door: keyboard emulation and MQTT out of the box.

DESKTOP READERS



DR-mini

Thin desktop RAIN RFID reader that fits any counter

GEN2X™

The DR-mini is a 100 g desktop reader, 10 mm thin, with a built-in antenna for reads up to 1 m. Add external antennas to reach 6 m. It plugs into USB and types tags like a keyboard.

MAX. RF OUTPUT POWER	RX SENSITIVITY	READ RATE
+27 dBm	-75 dBm	up to 250 tags/s
BUILT-IN ANTENNA	**INGRESS PROTECTION**	**DIMENSIONS**
Yes (reconfigurable)	IP54	115 x 65 x 10 mm

PART NUMBER	DESCRIPTION
ID-DR-MINI	DR-mini: Thin desktop RAIN RFID reader that fits any counter
ID-DR-MINI-LT	DR-mini-LT: output up to +23 dBm



DR-pad

Flat desktop RAIN RFID reader with an 8.5 dBiC antenna

GEN2X™

The DR-pad is a flat desktop reader, 20 mm thick, with an 8.5 dBiC circular antenna built in. It runs from one USB cable.

MAX. RF OUTPUT POWER
+27 dBm

RX SENSITIVITY
-75 dBm

READ RATE
up to 250 tags/s

BUILT-IN ANTENNA
Yes

INGRESS PROTECTION
IP54

DIMENSIONS
315 x 220 x 20 mm

PART NUMBER	DESCRIPTION
ID-DR-PAD	DR-pad: Flat desktop RAIN RFID reader with an 8.5 dBiC antenna
ID-DR-PAD-LT	DR-pad-LT: output up to +23 dBm



DR-max

Desktop RAIN RFID reader with Ethernet PoE and +30 dBm

GEN2X™

The DR-max adds Ethernet with PoE, GPIO and three external antenna ports to the DR family. With +30 dBm and a built-in +4 dBiC antenna, one network cable powers and connects it.

MAX. RF OUTPUT POWER
+30 dBm

RX SENSITIVITY
-75 dBm

READ RATE
up to 250 tags/s

BUILT-IN ANTENNA
Yes (reconfigurable)

POE
PoE IEEE 802.3af/at

INGRESS PROTECTION
IP54

PART NUMBER	DESCRIPTION
ID-DR-MAX	DR-max: Desktop RAIN RFID reader with Ethernet PoE and +30 dBm

FIXED READERS



EZ series

Industrial fixed readers: pick by speed and sensitivity

GEN2X™

Four TNC ports, PoE, Wi-Fi and BLE in one 115 x 120 x 33 mm body, built for read points that never stop. The EZ500 reads up to 700 tags/s; the EZ700 goes to 1,100 tags/s with more output power and better sensitivity.

ANTENNA PORTS
4 × TNC (external)

DIMENSIONS
115 x 120 x 33 mm

DC INPUT
+9 to +28 V DC (or PoE)

CERTIFICATIONS
FCC and Anatel

Model	Part number	Max. output	RX sensitivity	Read rate
EZ700	ID-EZ700	+33 dBm (max)	-86 dBm (max)	up to 1,100 tags/s
EZ500	ID-EZ500	+31.5 dBm (max)	-82 dBm (max)	up to 700 tags/s



EM300

Compact four-port RAIN RFID reader powered over Ethernet

GEN2X™

The EM300 drives four external antennas at once from a 150 x 90 mm box, each with its own radio settings. It runs on PoE or USB at up to +30 dBm, and its keyboard emulation drops into software built for barcode scanners.

MAX. RF OUTPUT POWER	RX SENSITIVITY	READ RATE
+30 dBm	-75 dBm	up to 250 tags/s
ANTENNA PORTS	**POE**	**INGRESS PROTECTION**
4 x SMA female	PoE IEEE 802.3af/at	IP54

PART NUMBER	DESCRIPTION
ID-EM300	EM300: Compact four-port RAIN RFID reader powered over Ethernet



EM300H

IP67 outdoor RAIN RFID reader with built-in 7 dBi antenna

GEN2X™

The EM300H takes the EM300 outdoors: IP67 housing, a built-in dual linear 7 dBi antenna and two extra SMA ports. An 8 MB buffer keeps reads during network outages and syncs them when the link returns.

MAX. RF OUTPUT POWER	RX SENSITIVITY	READ RATE
+30 dBm	-75 dBm	up to 250 tags/s
BUILT-IN ANTENNA	**POE**	**INGRESS PROTECTION**
Yes (one internal dual linear antenna, H+V)	PoE IEEE 802.3af/at	IP67

PART NUMBER	DESCRIPTION
ID-EM300H	EM300H: IP67 outdoor RAIN RFID reader with built-in 7 dBi antenna

LARGE-AREA GATEWAY



SpotView Gateway

One gateway for a whole large area

GEN2X™

The SpotView Gateway is an active antenna array that covers large areas from the ceiling. Instead of 4 antenna ports, it reads through 9 sectors with dual linear polarization antennas, which gives 18 distinct beams. Its built-in Identix reader is based on the Impinj E710 chip and has the same specs as the EZ700. It covers about 200 m² when installed at about 3.6 m high.

MAX. RF OUTPUT POWER	RX SENSITIVITY	READ RATE
+33 dBm (max)	-86 dBm (max)	up to 1,100 tags/s
COVERAGE SECTORS	**DIMENSIONS**	
9 sectors	300 × 300 × 30 mm	

PART NUMBER	DESCRIPTION
ID-SPOTVIEW	SpotView Gateway: One gateway for a whole large area

DEVELOPMENT KITS



SAMDK

Raspberry Pi 4 reader kits with four antenna ports

GEN2X™

SAMDK boards turn a Raspberry Pi 4 into a four-port RAIN RFID reader on Impinj chips, with up to +30 dBm and four SMA antenna ports. Choose the model by sensitivity and read rate. Raspberry Pi, power supply and enclosure are sold separately.

ANTENNA PORTS
4 x SMA female

DIMENSIONS
90 x 70 x 45 mm

Model	Part number	Max. output	RX sensitivity	Read rate	Chip
SAMDK-300	ID-SAMDK-300	Up to +30 dBm	-75 dBm (max)	up to 250 tags/s	Impinj E310
SAMDK-500	ID-SAMDK-500	Up to +30 dBm	-82 dBm (max)	up to 700 tags/s	Impinj E510
SAMDK-700	ID-SAMDK-700	Up to +30 dBm	-86 dBm (max)	up to 1,100 tags/s	Impinj E710

Antennas

Far-field panels and compact near-field antennas, with the right beam for every read zone.

FAR-FIELD ANTENNAS



85C7070

Circular-polarized RAIN RFID panel, 8.5 dBiC, 70° beam

A right-hand circular far-field panel for portals, conveyors and metal cages. A 0.6 dB axial ratio and a 70° x 70° beam make it the circular choice in the same 200 x 200 mm body as the 75L9090.

GAIN
8.5 dBiC (max)

POLARIZATION
Right-hand circular

BEAMWIDTH (H × V)
70° x 70°

FREQUENCY BAND
900-930 MHz

MAX. INPUT POWER
20 W

INGRESS PROTECTION
IP64

PART NUMBER	DESCRIPTION
ID-ANT85C7070-FCC	85C7070: Circular-polarized RAIN RFID panel, 8.5 dBiC, 70° beam



90C4090

Circular fan-beam panel with 9 dBiC gain, 865-930 MHz

A right-hand circular panel with 9 dBiC gain and a 40° x 90° fan beam tilted 15°. It confines reads to entrances and controlled passages, and covers the wider 865-930 MHz band.

GAIN
9 dBiC (max)

POLARIZATION
Right-hand circular

BEAMWIDTH (H × V)
40° (horizontal) x 90° (vertical)

FREQUENCY BAND
865-930 MHz

MAX. INPUT POWER
20 W

INGRESS PROTECTION
IP54

PART NUMBER	DESCRIPTION
ID-ANT90C4090	90C4090: Circular fan-beam panel with 9 dBiC gain, 865-930 MHz



65C6095

Compact circular array with a curtain beam for portals

A compact circular-polarized array with a curtain-shaped 60° x 95° beam, built for passages and portals. At 245 x 125 x 20 mm and IP65, it suits tight installations.

GAIN
6.5 dBiC (max)

POLARIZATION
Right-hand circular

BEAMWIDTH (H × V)
60° x 95°

FREQUENCY BAND
900-930 MHz

MAX. INPUT POWER
10 W

INGRESS PROTECTION
IP65

PART NUMBER	DESCRIPTION
ID-ANT65C6095-FCC	65C6095: Compact circular array with a curtain beam for portals



75L9090

Linear-polarized far-field panel with a 90° x 90° beam

A RAIN RFID far-field panel with a wide, symmetric 90° x 90° beam. It reads moving tags at portals, conveyors and metal cages, in a flat 200 x 200 mm body.

GAIN
7.5 dBi (max)

POLARIZATION
Linear

BEAMWIDTH (H × V)
90° x 90°

FREQUENCY BAND
900-930 MHz

MAX. INPUT POWER
20 W

INGRESS PROTECTION
IP64

PART NUMBER	DESCRIPTION
ID-ANT75L9090-FCC	75L9090: Linear-polarized far-field panel with a 90° x 90° beam



85DL4090

Dual-linear fan-beam panel with two radiating elements

A slim far-field panel that shapes the beam into a fan: 40° horizontal by 90° vertical, tilted 15°. It defines the read zone at store exits, corridors and docks, and limits reads outside it.

GAIN
8.5 dBiL

POLARIZATION
Dual linear

BEAMWIDTH (H × V)
40° (horizontal) x 90° (vertical)

FREQUENCY BAND
900-930 MHz

MAX. INPUT POWER
20 W

INGRESS PROTECTION
IP54

PART NUMBER	DESCRIPTION
ID-ANT85DL4090-FCC	85DL4090: Dual-linear fan-beam panel with two radiating elements

NEAR-FIELD AND COMPACT ANTENNAS



ANTNF0

Strong, uniform near-field antenna for reads up to 1 m

A near-field antenna for precise short-range reads of up to 1 m. It has the stronger field of the two 200 x 200 mm models, 5 dBA/m at 6 mm, for small items and tags near liquids or metal.

GAIN	POLARIZATION	FREQUENCY BAND
-3 dBi (typical)	Linear	900-930 MHz
MAX. INPUT POWER	**INGRESS PROTECTION**	**DIMENSIONS**
4 W	IP54	200 x 200 x 20 mm

PART NUMBER	DESCRIPTION
ID-ANTNF0-FCC	ANTNF0: Strong, uniform near-field antenna for reads up to 1 m



SNFA

Pocket-size near-field antenna for reads up to 15 cm

An 85 x 35 x 22 mm near-field antenna weighing 35 g. It reads at up to 15 cm, so only the tag right in front of it answers: suited to verification and encoding stations.

GAIN	POLARIZATION	FREQUENCY BAND
-24 dBi (typical)	Linear	860-930 MHz
MAX. INPUT POWER	**INGRESS PROTECTION**	**DIMENSIONS**
4 W	IP54	85 x 35 x 22 mm

PART NUMBER	DESCRIPTION
ID-ANTSNFA-FCC	SNFA: Pocket-size near-field antenna for reads up to 15 cm



ANTNF1

Lighter near-field antenna for checkouts, up to 1 m

A near-field antenna for counters, checkouts and points of sale, reading up to 1 m. It weighs 300 g and delivers 3.2 dBA/m at 6 mm, against 5 dBA/m for the ANTNF0.

GAIN	POLARIZATION	FREQUENCY BAND
-5.5 dBi (typical)	Linear	900-930 MHz
MAX. INPUT POWER	**INGRESS PROTECTION**	**DIMENSIONS**
4 W	IP54	200 x 200 x 20 mm

PART NUMBER	DESCRIPTION
ID-ANTNF1-FCC	ANTNF1: Lighter near-field antenna for checkouts, up to 1 m



SFFA

Compact far-field antenna, circular polarization, up to 70 cm

A far-field antenna of 90 x 60 x 20 mm and 35 g, with circular polarization and a read range of up to 70 cm. It reaches farther than the SNFA while staying small enough for counters and stations.

GAIN	POLARIZATION	FREQUENCY BAND
0 dBi (typical)	Circular	902-928 MHz
MAX. INPUT POWER	**INGRESS PROTECTION**	**DIMENSIONS**
4 W	IP64	90 x 60 x 20 mm

PART NUMBER	DESCRIPTION
ID-ANTSFFA-FCC	SFFA: Compact far-field antenna, circular polarization, up to 70 cm

Handheld

Rugged Android handheld for RAIN RFID and barcodes.



ID50

Rugged Android RAIN RFID handheld, over 1,100 tags/s

GEN2X™

The ID50 is an IP67 Android 13 handheld with an Impinj E710 reader, a 4 dBi circular antenna and a 1D/2D scanner. It reads over 1,100 tags/s at up to +33 dBm, and its 9000 mAh battery swaps in the field.

OPERATING SYSTEM	DISPLAY	MAX. RF OUTPUT POWER
Android 13	5.7-inch TFT-LCD (720 x 1440) touchscreen	+33 dBm (maximum power)
READ RATE	**INGRESS PROTECTION**	**DIMENSIONS**
>1100 tags/s	IP67	143 × 169 × 90.5 mm

PART NUMBER	DESCRIPTION
ID-DT50	ID50: Rugged Android RAIN RFID handheld, over 1,100 tags/s

Portals

Ready-made portals: something passes through an opening and is identified.

RETAIL EXIT AND LOSS PREVENTION



ExitView

All-in-one RAIN RFID exit portal with built-in reader

ExitView watches product exits in real time to catch losses and theft. The EM300 reader and circularly polarized antennas on both sides are built in, powered over PoE. Events go to the Identix IRIS platform as silent alerts, with no siren.

READER
Identix EM300 reader included

INGRESS PROTECTION
IP54

DIMENSIONS
950 x 325 x 150 mm

WEIGHT
8 kg

PART NUMBER	DESCRIPTION
ID-EXITVIEW	ExitView: All-in-one RAIN RFID exit portal with built-in reader



Portal Slim

Single-antenna floor portal for small and mid-size stores

Portal Slim is a self-contained RFID portal for retail exits and merchandise checks. A circularly polarized antenna covers the read zone. Connect it over Wi-Fi, Bluetooth or USB; the DR-pad reader is sold separately.

INGRESS PROTECTION
IP54

DIMENSIONS
1,000 x 220 x 150 mm

WEIGHT
7 kg

PART NUMBER	DESCRIPTION
ID-PRT-SLIM	Portal Slim: Single-antenna floor portal for small and mid-size stores



GateView

Compact portal for two antennas and a built-in reader bay

GateView is a RAIN RFID portal only 45 mm thick, built to flank retail exits and other tight openings. It holds two 65C6095 antennas and an internal reader, together covering 60° x 135°. Antennas and reader are sold separately.

INGRESS PROTECTION
IP54

DIMENSIONS
640 x 280 x 45 mm

WEIGHT
4 kg (without reader and antennas)

PART NUMBER	DESCRIPTION
ID-PRT-GATEVIEW	GateView: Compact portal for two antennas and a built-in reader bay
ID-PRT-GV-MNT	Floor pedestal for up to two GateView portals in opposite directions, with floor anchors

GATES AND TRANSITION ZONES



GateView OTP-7070

Overhead RAIN RFID portal with wide 70° x 70° sectors

GEN2X™

GateView OTP-7070 covers transition zones from the ceiling or a wall with two 70° x 70° reading sectors, 90° x 70° in total. Its sectors are wider than the 40° of the GateView OTP. The reader is sold separately.

INGRESS PROTECTION	DIMENSIONS	WEIGHT
IP54	505 x 260 x 75 mm	Approximately 4 kg

PART NUMBER	DESCRIPTION
ID-GATEVIEW-OTP-7070C	GateView OTP-7070: Overhead RAIN RFID portal with wide 70° x 70° sectors



GateView OTP

Overhead RAIN RFID portal with two 40° x 90° sectors

GEN2X™

GateView OTP monitors transition zones and large areas from the ceiling or a wall. Two 40° x 90° reading sectors form an 80° x 90° opening. Pick circular or dual-linear antennas; the reader is sold separately.

INGRESS PROTECTION	DIMENSIONS	WEIGHT
IP54	445 x 460 x 65 mm	Approximately 4 kg

PART NUMBER	DESCRIPTION
ID-GATEVIEW-OTP-C	GateView OTP C (circular antennas, 9 dBiC)
ID-GATEVIEW-OTP-DL	GateView OTP DL: dual-linear antennas, 8.5 dBiL
ID-PRT-GVOTP-MNT	Suspended steel bracket: one OTP portal in the center and two antennas at the sides

DOCK DOORS



DockView

Modular aluminum RAIN RFID portal for dock doors

DockView reads pallets and cargo as they cross a dock door. Each 1.95 m aluminum tower takes any Identix far-field antenna or the ANTNF1, and the whole portal runs on PoE. The reader is sold separately.

DIMENSIONS	WEIGHT
1,950 x 500 x 280 mm per tower	25 kg per tower

PART NUMBER	DESCRIPTION
ID-PRT-DOCKVIEW	DockView: Modular aluminum RAIN RFID portal for dock doors
ID-PRT-DOCKVIEW-BDL-85C7070	DockView Bundle: two towers, four 85C7070 antennas and RF cables

Accessories

Multiplexers, splitters and mounts to complete each installation.



CATENA

8:1 antenna multiplexer that scales a reader to 32 antennas

A multiplexer that turns each RAIN RFID reader port into eight antenna outputs. One CATENA per port of a four-port reader reaches 32 antennas. Works with Identix, Impinj, Zebra and Chainway readers.

INSERTION LOSS
< 1 dB (typical)

DIMENSIONS
140 x 65 x 18 mm

WEIGHT
Approx. 100 g

PART NUMBER	DESCRIPTION
ID-CATENA	CATENA: 8:1 antenna multiplexer that scales a reader to 32 antennas



2-Port RF Splitter

Passive 2-way RF splitter, 0.4 dB insertion loss

A passive splitter that turns one reader port into two antenna outputs, with no switching between them. It connects up to 8 antennas to a four-port reader.

INSERTION LOSS
0.4 dB

PART NUMBER	DESCRIPTION
ID-PSF5050-FCC	2-Port RF Splitter: Passive 2-way RF splitter, 0.4 dB insertion loss



Universal Articulated Support

Articulated aluminum mount for any Identix antenna

An articulated mount that aims any Identix antenna where it reads best. It tilts up to 40° depending on the antenna, holds up to 5 kg and fits walls, poles and flat surfaces, indoors or out.

DIMENSIONS
245 x 144 x 43 mm

WEIGHT
0.5 kg

PART NUMBER	DESCRIPTION
ID-ANT-MNT	Universal Articulated Support: Articulated aluminum mount for any Identix antenna

POWER, CABLES AND MOUNTS

RF cables

PART NUMBER	DESCRIPTION
ID-TMR-SM-XS	Identix low-loss R58UF coaxial cable, 1.5 m, with an reverse-polarity TNC male connector on one end and a SMA male connector on the other.
ID-TMR-SM-S	Identix low-loss R58UF coaxial cable, 3 m, with an reverse-polarity TNC male connector on one end and a SMA male connector on the other.

ID-TMR-SM-L	Identix low-loss R58UF coaxial cable, 4 m, with an reverse-polarity TNC male connector on one end and a SMA male connector on the other.
ID-TMR-TFR-XS	Identix low-loss R58UF coaxial cable, 1.5 m, with an reverse-polarity TNC male connector on one end and a reverse-polarity TNC female connector on the other.
ID-TMR-TFR-S	Identix low-loss R58UF coaxial cable, 3 m, with an reverse-polarity TNC male connector on one end and a reverse-polarity TNC female connector on the other.
ID-TMR-TFR-L	Identix low-loss R58UF coaxial cable, 4 m, with an reverse-polarity TNC male connector on one end and a reverse-polarity TNC female connector on the other.
ID-TMR-NM-S	Identix low-loss R58UF coaxial cable, 3 m, with an reverse-polarity TNC male connector on one end and a N male connector on the other.
ID-TMR-NM-L	Identix low-loss R58UF coaxial cable, 4 m, with an reverse-polarity TNC male connector on one end and a N male connector on the other.
ID-SMA-SMA-XS	Identix low-loss R58UF coaxial cable, 1.2 m, with an SMA male connector on one end and a SMA male connector on the other. Reference: C-CBL-729.
ID-SMA-SMA-S	Identix low-loss R58UF coaxial cable, 3 m, with an SMA male connector on one end and a SMA male connector on the other. Reference: C-CBL-729.
ID-TMR-TMR-XL	Identix low-loss R58UF coaxial cable, 8 m, with an reverse-polarity TNC male connector on one end and a reverse-polarity TNC male connector on the other.
ID-TFR-SM-XS	Identix low-loss R58UF coaxial cable, 1.5 m, with an reverse-polarity TNC female connector on one end and a SMA male connector on the other.
ID-RFADPT-1	Identix RF adapter, SMA male to reverse-polarity TNC female.

Power supplies and PoE

PART NUMBER	DESCRIPTION
ID-PWRSUP	Identix universal 72 W power supply for Identix readers, with a threaded connector. Input: 110–240 VAC. Output: +24 VDC.
ID-USBPWR	Universal-input USB power supply for Identix readers. Input: 110–240 VAC. USB output: 5 VDC, 3 A.
ID-POEINJ	30 W Gigabit Ethernet IEEE 802.3af/at PoE injector supporting 10/100/1000 Mb/s.

Reader mounts and adapters

PART NUMBER	DESCRIPTION
ID-RPAD-OMNT	Metal over-counter mounting bracket for Identix rPad and DR-PAD readers.
ID-RPAD-UMNT	Metal under-counter mounting bracket for Identix rPad and DR-PAD readers.
ID-DB15BRK	DB15 breakout adapter with a terminal block for GPIO connections.
ID-USB-C-CBL	USB-C to USB-C cable, 1 m long.
ID-USB-CBL	USB-A to Mini-USB Type-B cable, 1 m long.

Box and pallet verification

Structures that read what is inside boxes and pallets, in motion or at a fixed point.

IN MOTION



LineView

RFID tunnel that verifies boxes as they ride the conveyor

LineView is an automated RFID tunnel over a conveyor. Ultra Wide Beam antennas illuminate only the tunnel volume, so nearby tags are not read. Reads are compared in real time with the order, manifest and WMS (SKU, batch, quantity).

DIMENSIONS
700 x 2,500 x 1,500 mm (reading tunnel only)

MATERIAL
Aluminum and ACM construction

PART NUMBER	DESCRIPTION
ID-LINEVIEW	LineView: RFID tunnel that verifies boxes as they ride the conveyor



BoxView

RFID roller conveyor that reads boxes in motion

BoxView is a roller conveyor that reads every RAIN RFID-tagged item in closed boxes while they flow through, from packing to shipping. Modular design, aluminum and steel frame. The side roller tables in the datasheet are illustrative, not included.

DIMENSIONS
1765 x 1500 x 1000 mm

MATERIAL
Aluminum and steel construction

PART NUMBER	DESCRIPTION
ID-BOXVIEW	BoxView: RFID roller conveyor that reads boxes in motion

FIXED POINT



TableView

Fixed RFID table that checks boxes with no conveyor

TableView is an RFID table that reads every RAIN RFID-tagged item inside a closed box. Four integrated antennas and an embedded reader work at one fixed point, with no rollers or conveyor needed.

READER
Embedded Identix reader: EZ700, EZ500 or EM300

DIMENSIONS
480 x 488 x 66 mm

MATERIAL
Aluminum and steel construction

PART NUMBER	DESCRIPTION
ID-TABLEVIEW	TableView: Fixed RFID table that checks boxes with no conveyor



PackView

Shielded RFID cabinet that checks sealed boxes item by item

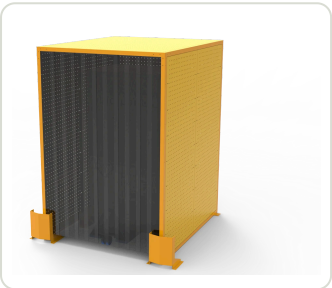
PackView reads every RAIN RFID-tagged item inside a closed box, then compares the result with the order, packing list or WMS. The shielded chamber isolates the reading. It flags approved or pending in seconds.

DIMENSIONS
890 x 1,360 x 1,850 mm

MATERIAL
Aluminum and ACM construction

PART NUMBER	DESCRIPTION
ID-PACKVIEW	PackView: Shielded RFID cabinet that checks sealed boxes item by item

PALLETS



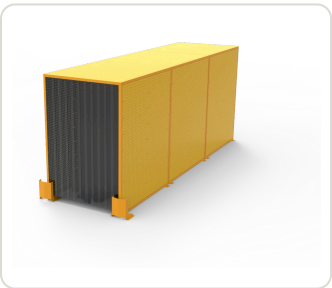
PalletView

RAIN RFID portal that verifies pallet contents

PalletView reads the contents of RAIN RFID-tagged pallets, from receiving to shipping. Ultra Wide Beam antennas and tuned power levels light up only the pallet, so reads stay focused even with docks nearby.

MATERIAL
Aluminum and ACM construction

PART NUMBER	DESCRIPTION
ID-PALLETVIEW	PalletView: RAIN RFID portal that verifies pallet contents



TunnelView

RFID tunnel that reads pallet contents as they pass

TunnelView is an RFID tunnel for pallets. The pallet moves through a long reading structure that identifies the RAIN RFID-tagged items it carries, with no manual counting.

Terminals

Self-service RFID terminal.



Self-service terminal

RFID terminal where people identify items themselves

The self-service terminal lets customers or staff identify RAIN RFID-tagged items on their own, with no operator.

Inventory robot

A mobile reader that counts store stock on its own.



AGV Robot

Store inventory that rolls by itself

The AGV Robot takes RAIN RFID inventory to the store floor, on its own. It navigates autonomously, maps the environment automatically and counts the tagged items on shelves and racks with an Identix EZ700 reader and antennas on a mast. When it is done, or when the battery asks for it, it goes back to its charging base by itself.

NAVIGATION
Autonomous

MAPPING
Automatic mapping of the environment

AUTONOMY
Minimum 2 hours

CHARGING
Returns to the charging base by itself

READER
Identix EZ700

Modules

System-on-Modules with Impinj Ex10 for handhelds, smart shelves and custom devices.

MB SERIES



MB series

Multiregional RAIN RFID modules, 32 × 36 × 4 mm

GEN2X™

Impinj Ex10 modules with four MMCX antenna ports, Wi-Fi and BLE. The band is set by software within 865 to 928 MHz, so one design serves many regions. The three models share the footprint and differ in power, sensitivity and speed.

ANTENNA PORTS
4 × MMCX

DIMENSIONS
32 x 36 x 4 mm

CERTIFICATIONS
FCC and Anatel

Model	Part number	Max. output	RX sensitivity	Read rate
MB300		+27 dBm	-75 dBm (max)	up to 250 tags/s
MB500		+30 dBm	-82 dBm (max)	up to 700 tags/s
MB700		+33 dBm	-86 dBm (max)	up to 1,100 tags/s



SAM series

RAIN RFID System-on-Modules for handhelds and smart shelves

GEN2X™

Multiregional RAIN RFID System-on-Modules on Impinj Ex10 chips, with Wi-Fi and BLE, programmable output up to +33 dBm. The three models share hardware and differ in sensitivity and read rate.

DIMENSIONS
32 × 36 × 4 mm

CERTIFICATIONS
FCC and Anatel

Model	Part number	Max. output	RX sensitivity	Read rate
SAM300		Up to +33 dBm (programmable 0 to +33 dBm)	-75 dBm (max)	up to 250 tags/s
SAM500		Up to +33 dBm (programmable 0 to +33 dBm)	-82 dBm (max)	up to 700 tags/s
SAM700		Up to +33 dBm (programmable 0 to +33 dBm)	-86 dBm (max)	up to 1,100 tags/s

How to buy

Identix products are sold through authorized distributors and integrators. Tell us your project and we put you in touch with the nearest one.

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