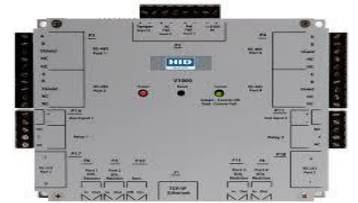


Long Range Readers

Model Type	Model Name	DESCRIPTION
HID Reader	iCLASS SE U90 Long Range Reader (UHF) Contactless UHF Smartcard reader. EMEA Antenna ConfigurationRDRSEU908	iCLASS SE U90 Long Range Reader (UHF) Contactless UHF Smartcard reader. EMEA Antenna Configuration
	RDR, RP10, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS	RDR, RP10, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS
	iCLASS SE U90 Long Range Reader (UHF) Contactless UHF Smartcard reader. EMEA Antenna Configuration	iCLASS SE U90 Long Range Reader (UHF) Contactless UHF Smartcard reader. EMEA Antenna Configuration



Model Type	Model Name	DESCRIPTION
HID Reader	VERTX EVO, V1000, STD, OPIN AP	VERTX EVO, V1000, STD, OPIN AP
	RDR, RP10, MULTICLASS, SE REV E, STD PROX, STD, WIEGAND, TERM, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT	RDR, RP10, MULTICLASS, SE REV E, STD PROX, STD, WIEGAND, TERM, BLK, STD 1 SECURITY, LED RED, FLASH GRN, BZR ON, IPM OFF, 32 BIT
	VERTX, V100, BOX, STD	VERTX, V100, BOX, STD,



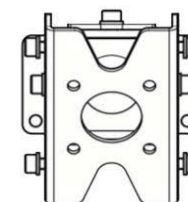
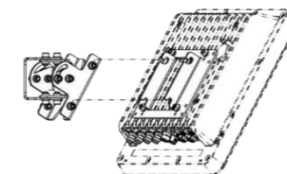
Model Type	DESCRIPTION
Kathrein Reader	RRU 4400 Reader Unit, 4Port, PoE+, ©KRAI, IP67
	R-RPA3 24VDC-90W, Power Adapter RRU/ARU Reader Series



Model Type	DESCRIPTION
Kathrein Reader	R-CC3-3-DC RRU/ARU DC Power Cable, 3 m
	R-CC3 03 ETH RRU/ARU Ethernet Cable M12/RJ45,



Model Type	DESCRIPTION
Kathrein Reader	WRA 7070 Antenna Unit, Wide Range Antenna, 865-870 MHz, 65°/65° 8,3 dBic, IP67,circular polarized, TNC-plug
	R-AC 15 TNC-TNCR, Antenna cable TNC/TNC-R 15m, Low Loss 240 Flex, IP65
	MK-WPM3-OSS Wall/Pole Mount Kit for new ARU/RRU, Stainless Steel, Outdoor
	MK-PMA-OSS Pole mount adapter for 52010351, galvanized



Hardware Components

Vehicle Access Module

B) Long Range RFID Reader

KATHREIN

The KATHREIN ARU 3400 antenna reader unit is the state-of-the-art RAIN RFID reader with an integrated 65° wide-range antenna. With its IP67 housing it is perfectly made for ruggedized environment. Its best-in-class 30-dBm UHF RF unit, PoE+ and Linux it is the perfect fit for Railway, Vehicle Identification, and heavy-duty applications. Based on the latest RFID standards, such as EPC Gen2v2/ISO 18000-63, KATHREIN ARU 3400 antenna reader supports all market-leading transponder chip features for security, authentication and encoding.

Key Features:

- Ruggedized basic RAIN RFID reader with an integrated antenna
- 3 antenna ports
- +30 dBm port power
- GPIO
- PoE+
- basic computing module
- Basic LED visualization
- IP67 outdoor use
- Type approval for Europe, US and RoW

Specifications:

Detection range:	
Operating frequency:	865–868 MHz
Dimensions:	300 x 300 x 71 mm
Supply Voltage:	+10 to +30 V
Protection:	IP67
Communication:	

Cards & Tags supported:

HID, SIO Enabled Single Technology UHF

HID, SIO Enable Dual Technology UHF/iCLASS

UHF EPC, Class 1, Gen 2 ISO 18000-6C credentials



Hardware Components

Vehicle Access Module

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HID, SIO Enabled Single Technology UHF

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Hardware Components

Vehicle Access Module

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Specifications:

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Supply Voltage:	+10 to +30 V
Protection:	IP67
Communication:	

Cards & Tags supported:

HID, SIO Enabled Single Technology UHF

HID, SIO Enable Dual Technology UHF/iCLASS

UHF EPC, Class 1, Gen 2 ISO 18000-6C credentials



Hardware Components

Vehicle Access Module

B) Long Range RFID Reader



HID Global's iCLASS SE® U90 Long Range Readers offer an extended range solution for parking and gate control. This UHF access control reader features advanced encryption technology, delivering the most secure ultra-high frequency (UHF) access control on the market. With a read range of up to five meters, the iCLASS SE U90 can securely read both single UHF and support a mixed UHF/iCLASS credential population. The ability to combine building access with parking and gate control on a single card or fob offers both convenience and security.

Key Features:

Convenient – Discreet hands-free authentication solution for long range parking and gate control.

Dynamic – Field configurable via a full user interface for ease of maintenance.

Compliant - Supports UHF ISO 18000-6C compliant credentials containing Secure Identity Object® (SIO®) encryption technology.

Powerfully Secure – Encryption of card data through controller, enabling secure end-to-end communications.

Specifications:

Detection Range	UP To 5:6 meters
operating Frequency	865 - 868 MHz (Registered & Approved by NTRA - Egypt)
Dimensions	23.1 cm x 23.1 cm x 7.0 cm
Supply Voltage	12VDC or 24VDC
Protection	IP65

Communications:

Wigand mode	Wigand
OSDP Support	SIA OSDP Version 1.0 and 2.1.x
Crypto	Processor Hardware

Cards & Tags supported:

HID, SIO Enabled Single Technology UHF

HID, SIO Enable Dual Technology UHF/iCLASS

UHF EPC, Class 1, Gen 2 ISO 18000-6C credentials



Hardware Components

Vehicle Access Module

B) Long Range RFID Reader



The uPASS Reach reader offers long range vehicle identification up to 5 meters [16 ft] using the latest UHF technology. Based on battery free passive UHF the uPASS Reach reader offers a cost effective and enduring solution for parking access.

The system is based on a uPASS Reach reader and a UHF tag. The Reach readers are installed next to the gate on a maximum height of 2 meters [6 ft]. This can be accomplished without any additional mounting accessories or wiring, when upgrading existing proximity Wiegand reader installations.

Key Features:

- Consistent reading up to 5m [16 ft]
- Operates with passive UHF tags
- EPC Gen 2 compatible
- Competitive pricing
- On-site adjustable reading
- Elegant slim design
- LED and audible read indication

Specifications:

Detection range: Operating frequency:	Up to 5 metres with passive uPASS UHF tags
Dimensions:	200 x 220 x 45 mm (W x H x D)
Supply Voltage:	12 to 24V DC +10% (linear supply recommended)
Protection:	IP65
Communication:	Wiegand or Clock & Data (depending upon programmed tag format)

Cards & Tags supported:

HID, SIO Enabled Single Technology UHF

HID, SIO Enable Dual Technology UHF/iCLASS

UHF EPC, Class 1, Gen 2 ISO 18000-6C credentials



Hardware Components

Asset Management solutions

B) RFID Reader Gun



BLUEBIRD

EF501R delivers everything your business needs for productivity. It can be widely utilized in various industries particularly public service, distribution market with large size of storage, logistics, transportation, manufacture, security service, police and emergency service

Key Features:

- Octa-Core processor which ensures ultimate performance.
- Enterprise durability
- All-Day power.
- Fast and Stable connectivity.

Specifications:

- Processor: 2.0 GHz Octa Core Processor.
- Operating System: Android 7.X
- Memory and storage: 4GB RAM / 32GB Flash
- Camera: Rear : 13MP Autofocus with flash Front : Not Support
- Data capture: 1D/2D barcode reader, (Optional) ISO 14443 Type A and B; F; FeliCa, and ISO 15693 cards, MiFare .
- Display: 5.0 inch. HD (1280 x 720).
- Communications: 4G LTE / WIFI 802.11 a/b/g/n/d/h/i/r/ac
- Battery: User replaceable Battery Standard: 3.8V, 3200 mAh Extended: 3.8V, 6400 mAh.

- User Environment:
 - Operating Temperature: -20°C to 60°C.
 - Drop: 2.4m / 8 ft. to concrete at room temp
 - Environment sealing: IP67.
- Bluebird RFR900 Gun with the following specs:
 - Fastest Read Rate: 900+ tags/sec
 - Read Range: 20+ ft. / 6+ m.



Hardware Components

Asset Management solutions

B) RFID Reader Gun

Honeywell

The rugged Dolphin™: CT60 is ideal for enterprises requiring anywhere, anytime connectivity and fast data capture for maximum uptime and productivity. The Dolphin CT60 is also an Android Enterprise Recommended device, meaning it's rugged, built to deploy easily in the field, and built to stay up to date over a long-life span.

Key Features:

- Octa-Core processor which ensures ultimate performance.
- Enterprise durability
- All-Day power.
- Fast and Stable connectivity.

Specifications:

- Processor: 2.2 GHz Qualcomm® Snapdragon™ 660 octa-core.
- Operating System: Android 8.1 (O), upgradable through Android R.
- Memory and storage: RAM: 4GB DDR4, ROM: 64GB ROM.
- Camera: 13-megapixel color camera, 4K video with image stabilization.
- Data capture: Integrated Near Field Communication and Integrated 1D/2D barcode reader.
- Display: 118 mm (4.7 in) High Definition (1280 x 720) bright color LCD with backlight, outdoor readable, optically bonded to touch panel, oleo phobic fingerprint rejection.
- Communications: 4G LTE / WIFI IEEE 802.11 a/b/g/n/ac and Bluetooth.
- Battery: Li-Ion, 3.6 V, 4040 MAh with integrated battery diagnostics. Warm swap capability that allows 1 minute to change batteries without loss of application work.

User Environment :

Operating Temperature: -20°C to 50°C.

Drop: 2.4m (8ft) multiple drops to concrete, at room temp.

1.5m (5ft) multiple drops to concrete, at -10°C to 50°C.

Water / Dust Proof: Independently certified to meet IP67 and IP65 standards for moisture and particle intrusion.

UHF Long Range Reader: UHF (868~956MHz) RFID, by using Honeywell IH21 GUN reader with reading range up to 6m (20ft).



Hardware Components

Asset Management solutions

B) RFID Reader Gun

M3 MOBILE

The SM15 Series is the most advanced enterprise-ready 4G/LTE mobile computer in the world. The High-end mobile applications can be guaranteed to work well on the SM15 series without barriers. The SM15 Series mobile computer is designed to support the most advanced connected mobile user experiences, facilitating large file transfers, video streaming and remote access to business applications quickly.

Key Features:

- Octa-Core processor which ensures ultimate performance.
- Enterprise durability
- All-Day power.
- Fast and Stable connectivity.

Specifications:

- Processor: 2.2 GHz Qualcomm Snapdragon 626 Octa-core (Cortex A-53) and 650MHz GPU
- Operating System: Android 7.1
- Memory: 4GB RAM, 32GB Flash
- Up to 128GB of extended Micro SD slot
- Display: 5.0 inch in FHD(Full High Definition : 1920 x 1080)
- 1D / 2D / RFID
- Bright color LCD with backlight, outdoor viewable.

- Battery: SM15 Series have extended batteries(6,150mA) &
- Hot swap function allowing the user can replace battery in the field
- Without system reboot.
- SM15 series can do standby + 200 hours with extended battery without recharging.
- UHF(868~956MHz) RFID , with range up to 6m.
- 16.0-megapixel color rear camera with autofocus
- Bluetooth Class II, v2.0 with EDR
- WLAN IEEE 802.11 a/b/g/n/ac



Model Type	DESCRIPTION
M3	<p>Android 8.1 GMS, LTE(4G), 802.11 a/b/g/n/ac,SE4710 2D Scanner, Rear Camera, BT,GPS,NFC(HF), 4G/32G, Standard Battery is included and Bullet Proof Film is attached Requires Snapon or Cradle and Power, Supply for charging. (soldseparately</p>
	<p>SM15 2-Slot Cradle</p>
	<p>Boots for SM10 LTE/SM15 series with replaceable handstrap. (Attaches Stylus SM10-STYL/SM15-STYL; sold separately)</p>
	<p>Power Supply: 100~240VAC, 5VDC, 5A. Provides power to the 2 slot cradle and snap on with SM15. Includes EU power cord.</p>



Model Type	DESCRIPTION
M3	5,200mAh exclusive battery for UHF RFID Gun & Trigger Handle (For SM15-TRIG-UEB/UFB, For OX10-TRIG-
	QVGA_40PIN_UT035QVP-011 MODULE LCD UDIA(3.5")_GREEN/SKY/ORANGE/T
	OX10 Standard Capacity Spare Battery 3,300mAh
	UHF RFID & Scanning Trigger for SM15 CE



Products

Winson

Model Type	Model Name	DESCRIPTION
Winson	Wiegand MK10-WAP-H	Full-color, resin black and overlay panel ribbon with cleaning roller, 250 cards/roll
	MK10-WAP-H	Resin black, with cleaning roller, 1200 cards/roll
	2D/CMOS Wire (Wigend)	Thermal Laminate head
	WAI-6000-USB	YMCKO Ribbon 250 images/roll : coded
	Z11-321	USB 648X488 pixels Support 1D and QR, PDF, Date Matri



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