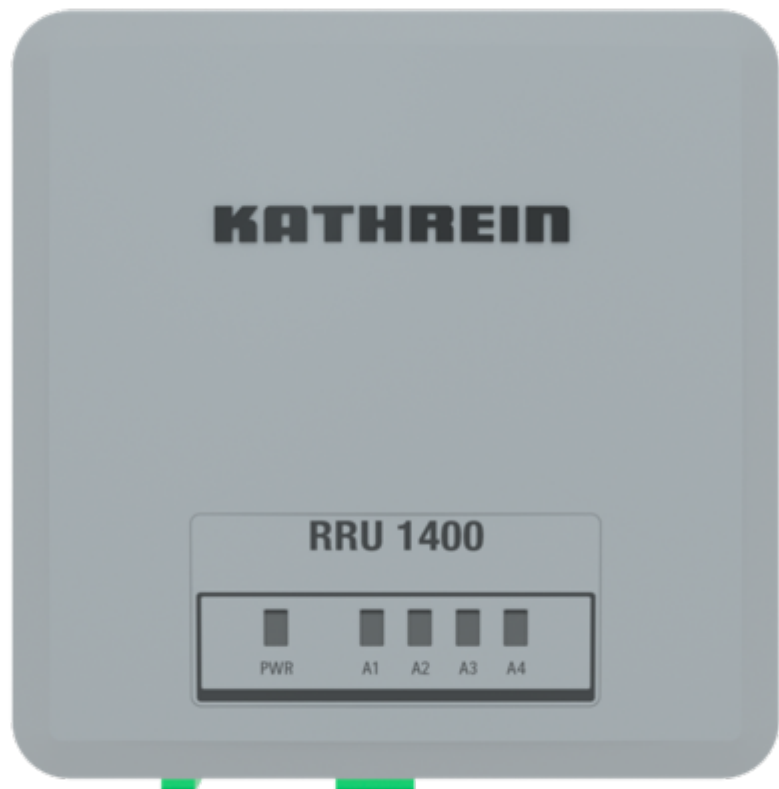


KATHREIN

RRU-1400: RAIN RFID Reader Unit, 865-868MHz, 4 port, IP40, PoE+, GPIO

The UHF reader Kathrein RRU-1400 is a basic RAIN RFID reader for indoor applications in logistics, manufacturing, supply chain and access control applications.

The reader's best in class 30-dBm UHF RF unit and connectivity interface PoE+ and the basic level processing unit allow for a flexible integration into Industry 4.0 and IoT solutions.



Based on the latest RFID standards, such as EPC Gen2v2/ISO 18000-63, Kathrein RRU-1400 series support all market leading transponder chip features.

Key features of the Kathrein RRU-1400 RAIN RFID reader

- basic RAIN RFID reader
- easy to install due to open connectors and FAKRA antenna sockets
- 4 antenna ports
- +30 dBm port power
- @KRAI antenna support
- GPIO: 2 inputs, 2 outputs
- PoE
- basic LED visualisation
- IP40 indoor use
- applications for logistics, industrial automation, access control, eKanban applications

YOUTUBE='WDpXVz3TvFE'



Technical Description

Functionality & Operation

Communication interface	Ethernet, GPIO, KRAI ©, LLRP
Indicators	Basic LED (1x PWR, 4x ANT)
Memory	4GB Flash eMMC
Program memory	128MB DRAM
Operating system	Linux
CPU Type	ARMv7-A based, 600 MHz
RFID transponder protocols	EPC Gen 2v2, ISO 18000-63
Frequency	UHF: 865 - 868 MHz (EU)
Maximal transmit power	30dBm
Antennas, Antenna inputs	4 mono-static ports
Connectors	Fakra, GPIO

Electrical

Power Source	10 VDC ~ 30 VDC, PoE+ (Power Over Ethernet spec. 802.3at)
DC resistance	50ohm

Mechanical

Dimensions	Width: 160mm, Height: 160mm Length: 26mm
Weight	1.86kg
Color	light grey

Environment

Operating temperature	-20 to 55°C
Storage temperature	-40 to 85°C
Ingress protection	IP40

Others

Certifications	EN 302208-2, CE, RoHS
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