

The power supply R-RRA can be used for new RRU 4000 and ARU 3000 reader family with PoE+. The R-RRA supplies the reader over PoE+.



**> General specifications**

<b>Order No.</b>		<b>52010370</b>
Type		R-POE-INJ-30
<b>Input</b>		
Voltage range	[V DC]	24 - 48
DC current (at 24 V DC)	[A ~]	typ. 1.3
Data IN		RJ45
<b>Output</b>		
PoE Pinout	[V DC]	V+, V+, V-, V- for pin 4, 5, 7, 8
Rated power (max.)	[W]	30
Connector		RJ45
Operating temperature range	[°C]	-40 to +75
Storage temperature range	[°C]	-40 to +85
Weight	[kg]	0.473
Dimensions	[mm]	135 x 87.8 x 32
Safety standard		EN 60950
EMC standard		EN 55022 class A
Certified by		CE, FCC
Housing material		metal case

**> Usable with the following readers**

RRU 4000 Reader Series	Order No.	Type
	52010287 + 52010295	RRU 4400 Reader Unit
	52010288 + 52010296	RRU 4500 Reader Unit
	52020289 + 52010297	RRU 4560 Reader Unit
	52020290 + 52010298	RRU 4570 Reader Unit
ARU 3000 Reader Series	Order No.	Type
	52010291 + 52010299	ARU 3400 Antenna Reader Unit
	52010292 + 52010300	ARU 3500 Antenna Reader Unit
	52010293 + 52010301	ARU 3560 Antenna Reader Unit
	52010294 + 52010302	ARU 3570 Antenna Reader Unit

**!** The power for this product is intended to be supplied by a Listed Power Unit, with output marked LPS, and rated to deliver 24 V DC at maximum of 1.3 A.  
 This unit is a built-in type. When the unit is installed in another piece of equipment, the equipment enclosing the unit must comply with fire enclosure regulation IEC 60950-1 / EN 60950-1 (or similar regulation).

**> Remarks**

**Accessories optional**

- All accessories can be found at: <http://www.kathrein-solutions.com/products/hardware/accessories>

➤ **LED indicators**

LED	On	Off
Power	Power is present	Power is not present
PoE	Power is being supplied to a Powered Device (PD)	Power is not being supplied to a Powered Device (PD)

RJ45 pin assignment

Pin	Assignment	Funktion
1	RX/TX	Data
2	RX/TX	Data
3	TX/RX	Data
4	PoE*	57 V DC
5	PoE*	57 V DC
6	TX/RX	Data
7	PoE*	0 V DC
8	PoE*	0 V DC

\* PoE pins are unused in standard RJ45 ports