



IRIDIUM LTD
spol. s r.o.

The EAS company

IRIDIUM Kappa 3

RF Mono-Antenna System 8,2 MHz for tags and paper labels.



Frequency:	8,2MHz RF	Material:	alloy profile with surface treatment
Weight:	6,2kg		stainless steel box, base plate and
Power supply:	15V AC included in delivery		3-horizontal bars, white plastic light cover
Antenna:	3 - horizontal bars	Alarm sound:	small piezo, 100dB loudness
Construction:	strong, luxury design	Alarm light:	red colour LED with white plastic cover

General information:

- Easy to install. It is real "plug & play" mono system, no setup needed
- It is possible to synchronize unlimited number of systems (by wire)
- Possible automatic synchronization up to 6 systems (by air)
- Automatically detects network frequency (50Hz, or 60Hz)

Electronics:

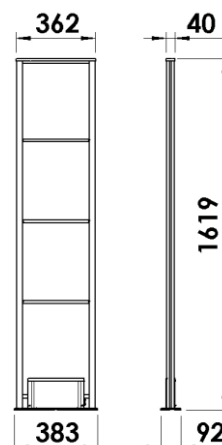
- Real time signal processing and SMD technology
- It detects close by "standing tags" and signalizes it to the staff
- DC version is available, because of very low power consumption. The el. power is consumed by a system functioning, not to heat (the maximum part temperature is 35°C only)
- It is covered with thin metal cover. It is also for noise protection and unauthorized acts prevention. All important information are printed on the cover.
- Very simple and easy to replace (a few seconds)
- Automatically adjusts the parameters for optimal detection of tags
- The system detection tree is flat and possible to adapt according a customer requirement.
- Transmitting frequency is automatically shifting from 7,8MHz to 8,5MHz with steps of 100kHz and accuracy of up to 6kHz. It detects all type of RF 8,2 MHz tags and labels. There is no additional tuning needed.

Detection distances table:

Paper labels 3 x 4 cm	2 x 0,7 - 0,8 m
Paper labels 4 x 4 cm	2 x 0,8 - 0,9 m
Paper labels 5 x 5 cm	2 x 0,9 - 1,0 m
Hard tag D50	2 x 1,15 - 1,2 m
Hard tag D40	2 x 1,0 - 1,1 m
Hard tag Mini square	2 x 1,0 - 1,1 m

Warranty: 3 years

Dimensions:



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www.iridiumltd.sk

Hraničná 12, 058 01 POPRAD
Slovakia

tel.: 00421 52 7721 210
fax: 00421 52 7728 730, 7721360
email: info@iridiumltd.sk

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