



**IRIDIUM LTD**

spol. s r.o.

The EAS company

# IRIDIUM OMEGA Advertisement

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

Frequency:	8,2MHz RF	Material:	aluminium profile with powder coated surface treatment, stainless box and base plate, white ABS + transparent plast on both sides
Weight:	10,45 kg	Construction:	strong
Power supply:	15V AC	Alarm sound:	piezosirene, 100dB loudness
Antenna:	standalone	Alarm light:	red color LED, with white plastic cover positioned on the top of both sides of antenna

### 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 the 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 8,2MHz tags and labels. There is no additional tuning needed

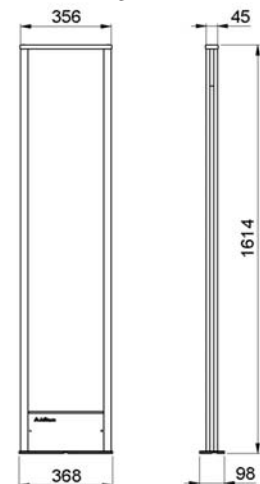
### Detection distances table:

paper labels 3 x 3,9cm	2 x 0,7 – 0,8m
paper labels 4 x 4cm	2 x 0,8 – 0,9m
paper labels 5 x 5cm	2 x 0,9 – 1,0m
hard tag D50	2 x 1,15 - 1,2m
hard tag D40	2 x 1,0 - 1,1 m
mini square	2 x 1,0 - 1,1m

\* *Detection of tags depends also on their quality (Q-factor values)*

### Warranty: 3 years

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IRIDIUM Omega mono

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