



**IRIDIUM LTD**

spol. s r.o.

The EAS company

# IRIDIUM Alpha

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

Frequency: 8,2MHz RF  
 Weight: 4,8 kg  
 Power supply: 15V AC included in delivery  
 Antenna: stainless with 3 horizontal bar  
 Construction: very strong, but light weight

Material: all metal parts are made off matt stainless steel. They are resistant to all current corrosion. Plastic parts are made from high quality plastic.  
 Alarm sound: small piezo, 100dB loudness  
 Alarm light: is protected by stainless steel cover



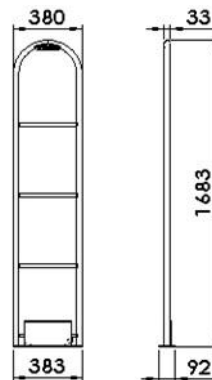
### General information:

- 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.

### Dimensions:



### 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

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