

# AlfaSector for Helium BOX SR EU

P/N: ASB868SR

**INTEGRATED OUTDOOR SECTOR ANTENNA FOR HELIUM WITH EXTERNAL CONNECTOR RJ45**

AlfaSector BOX EU operates at 868 MHz with 11,5 dBi gain. It's compatible with devices dedicated to Helium Network. It is designed to have SenseCAP M1 or other IoT Gateway installed inside. That antenna is predicted to be installed on the buildings (on the pole or on the wall). High quality injection moulded enclosure allows to implement it alongside with indoor and IP67 outdoor solutions.



## OUTDOOR

Use antennas wherever you want

## ANTENNA

Maximize your signal strenght with Alfa Miner antennas

## SOLUTION

Plug IoT Gateway and you are good to go

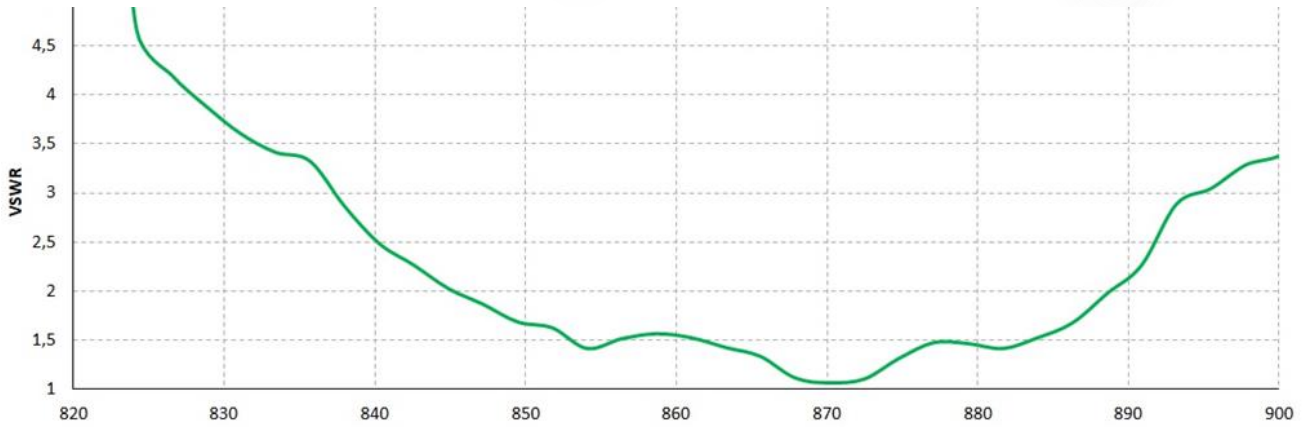
**ELECTRICAL SPECIFICATION**

FREQUENCY	850 - 888 MHz
GAIN	850 - 888 MHz : 11,5 dBi
VSWR	<1.80, max <2.00
BEAMWIDTH	30°/90° ±30°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
MAX. INPUT POWER	50 W
FRONT TO BACK	>24 dB

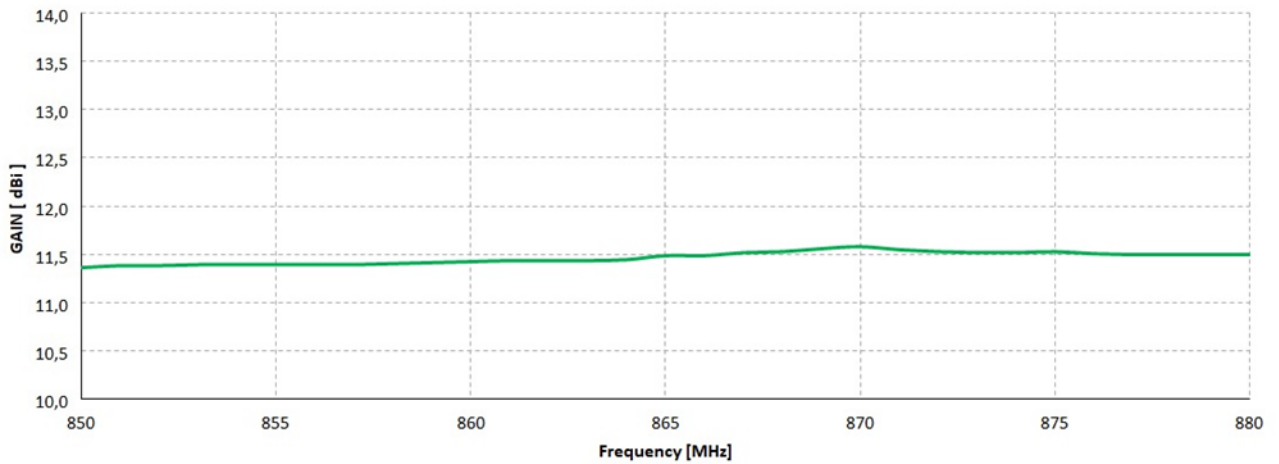
**MECHANICAL SPECIFICATION**

MATERIALS	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	486 x 290 x 105.6 mm 19.13 x 11.42 x 4.16 inch
WEIGHT	2.0 kg 4.40 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

## VSWR



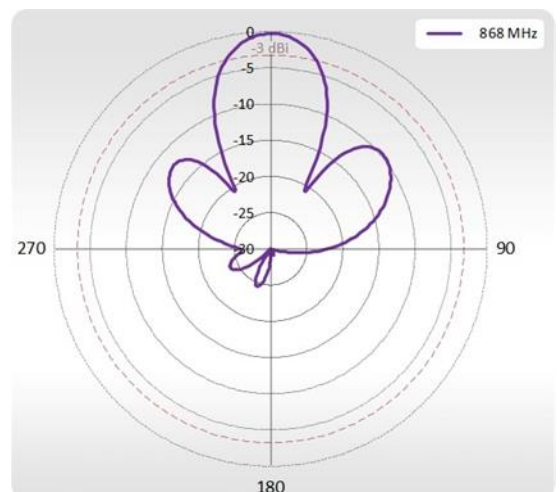
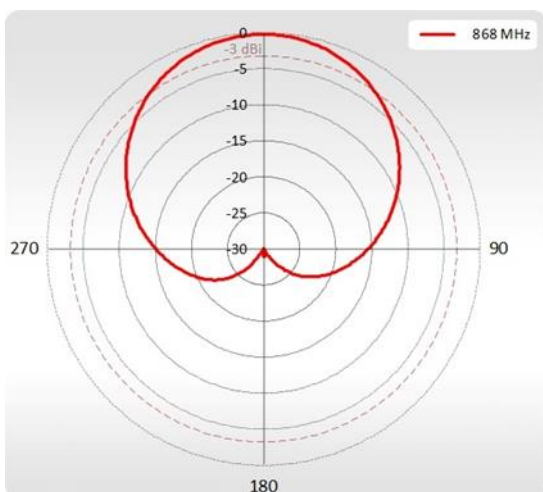
## GAIN



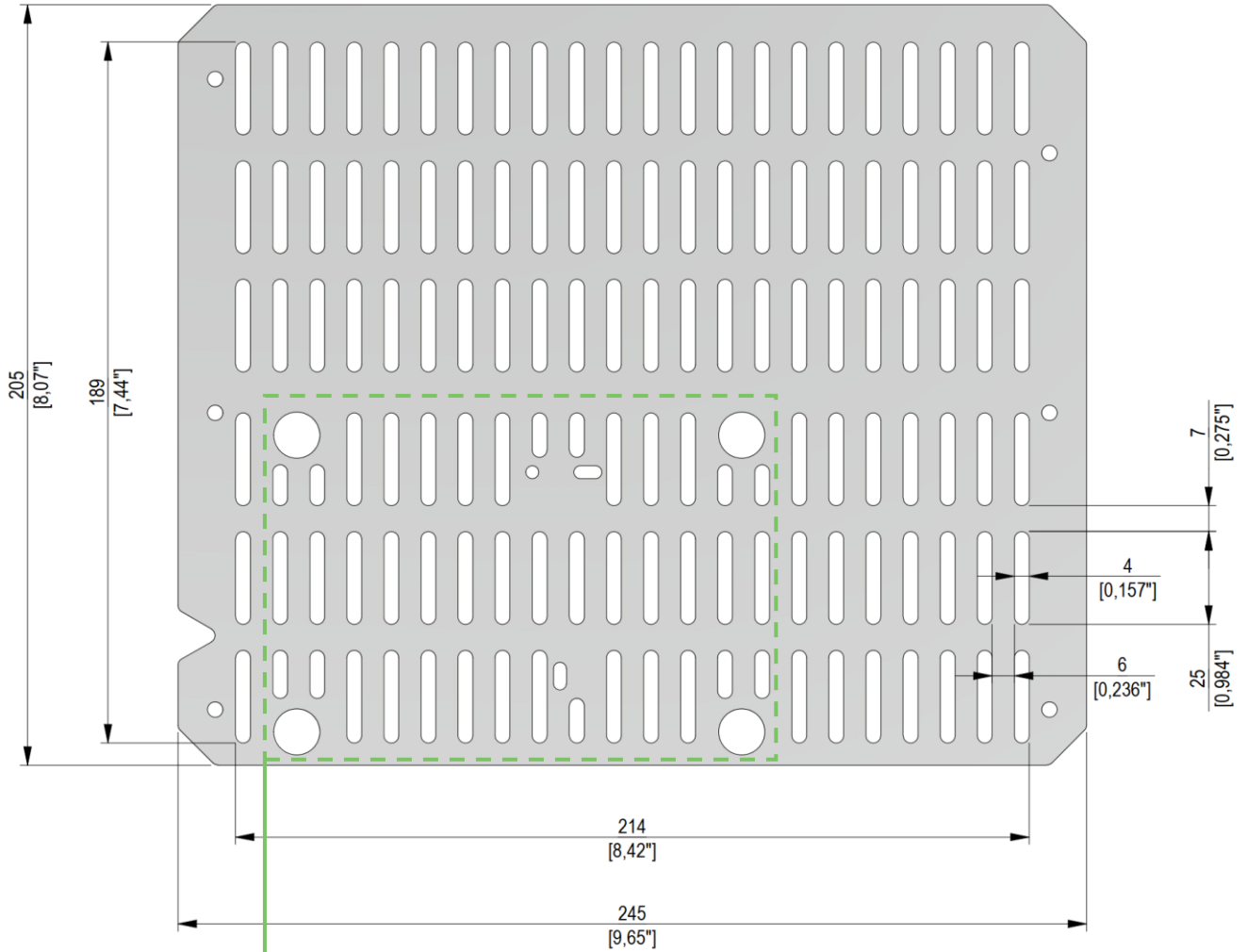
## PLOTS

850-888 MHz Azimuth

850-888 MHz Elevation

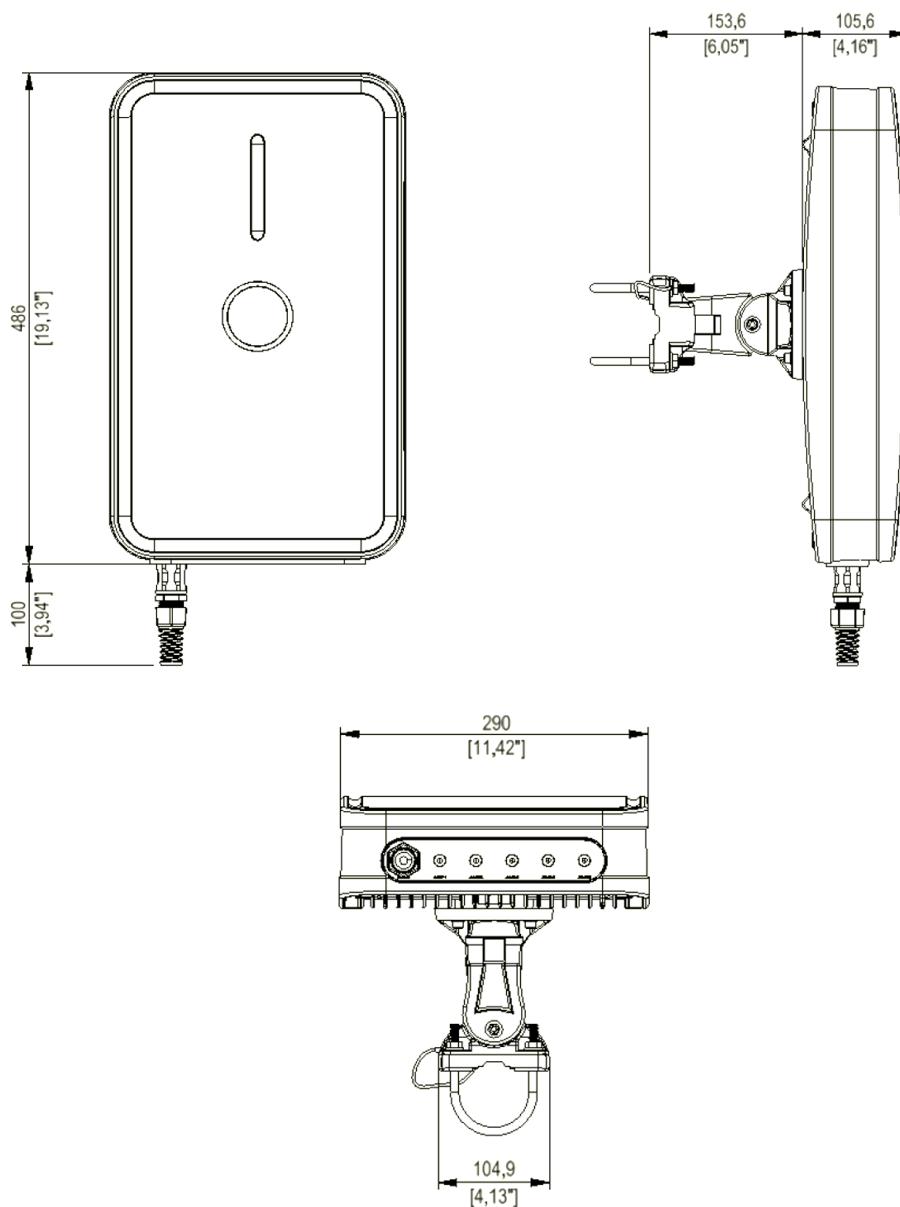


PLACE TO INSTALL IOT GATEWAY



● Dedicated to **SenseCAP M1**

## DIMENSIONS



### HEADQUARTERS:

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