

SENCITY® Spot-S MIMO 3x3, 5 GHz

1356.17.0078

Properties

- Compact Industrial antenna for Wi-Fi bands between 5150 MHz and 5935 MHz
- IEEE 802.11 a/h/n, 3 x 3 MIMO with 3 pigtail ports
- Half power beamwidth of 65° (vertical) and 65° (Horizontal)
- For both indoor and outdoor mounting with IP rating IP66 & IP67
- Wall mounting material included

**Electrical bands**

	Band 1
Frequency	5150 MHz ... 5935 MHz
VSWR	1.7
Impedance	50 Ω
Gain	8 dBi
HPBW vertical	65 °
HPBW horizontal	65 °
Isolation between Ports	20 dB
Vertical Electrical Tilt	0 °
Ambient Temperature	25 °C
Composite Power max	30 W

Electrical remarks

Remarks	MIMO antenna polarization: 3 x linear: vertical / dual slant ±45° Electrical data (VSWR, gain and beam width) is derived from the vertical polarized radiator. Reference of gain is exit point of pigtails on cable glands.
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Ports

	Port 1	Port 2	Port 3
Connector	N, plug (male)	N, plug (male)	N, plug (male)
Cable type	SUCOFORM_86_LSFH	SUCOFORM_86_LSFH	SUCOFORM_86_LSFH
Cable length	0.9 m	0.9 m	0.9 m

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Ports			
	Port 1	Port 2	Port 3
Polarization	-45° slant	vertical	+45° slant

Connections			
Port number	Port 1	Port 2	Port 3
Band 1	✓	✓	✓

Mechanical data	
Weight	0.27 kg
Dimensions	101 mm x 81 mm x 36 mm (Height x Width x Depth)
Windload	front: 15 N at 160km/h, Wind Speed survival: 220 km/h
Remarks	Radome material: LEXAN EXL 9330

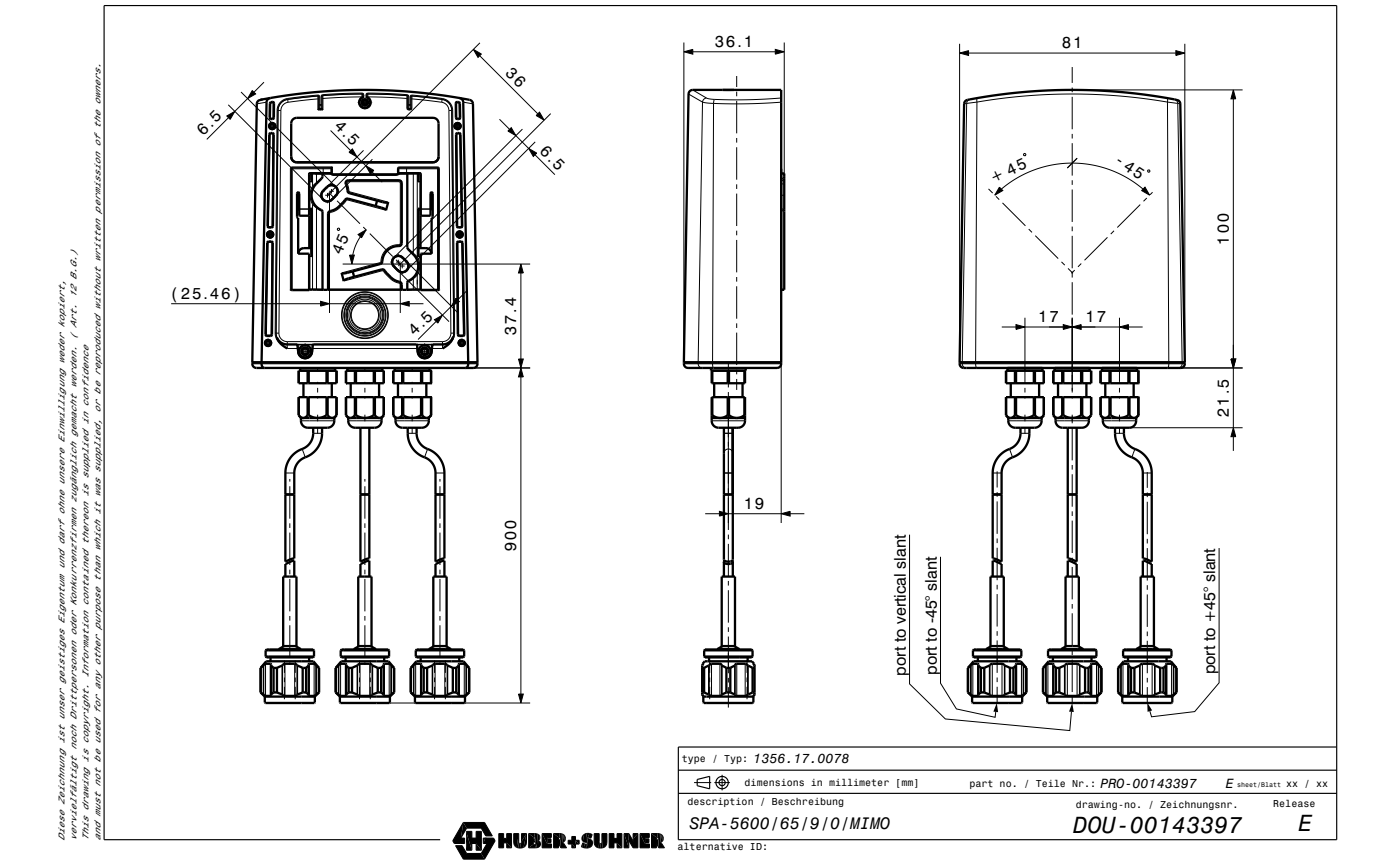
Interface and material data	
Radome material	PC (Polycarbonate)
Radome colour	RAL 7044 (grey)

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	IP 66 / IP 67
Flammability rating	UL 94-V0
Solar radiation	UL 746C, FI

Environmental remarks	
Ingress protection: IP66 and IP67 according to EN 60529	
Vibration and mechanical shock: IEC 61373, Kat. 2	
Flammability rating antenna: UL 94-V0 / RF cable pigtail: UL 1581	

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Outline drawing



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