

HIKVISION

Security Radar

Quick Start Guide

UD46135B-A



User Manual



Configuration Guide



Installation Guide



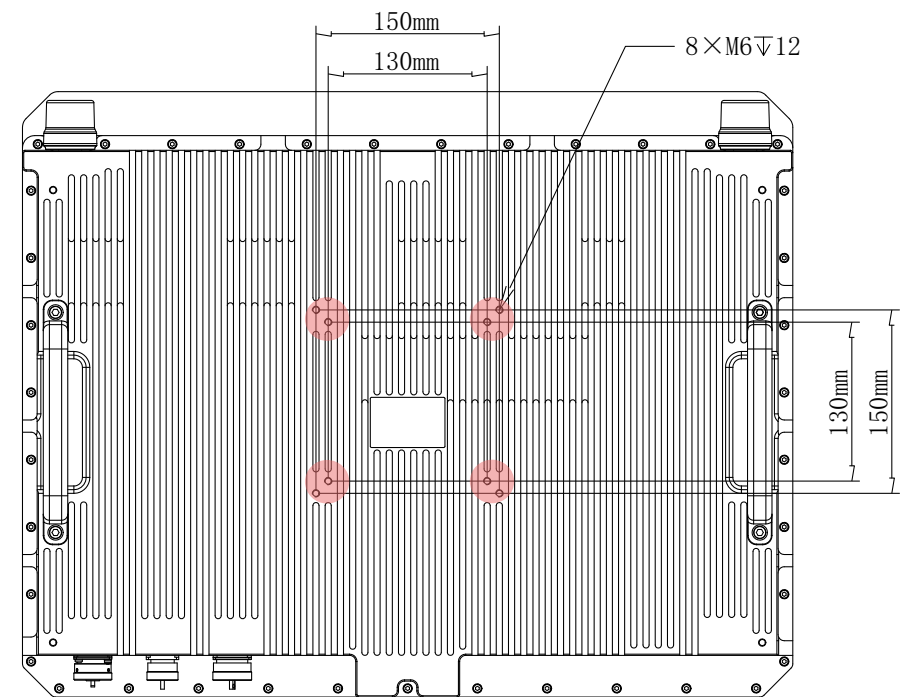
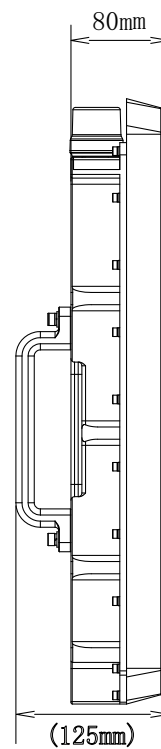
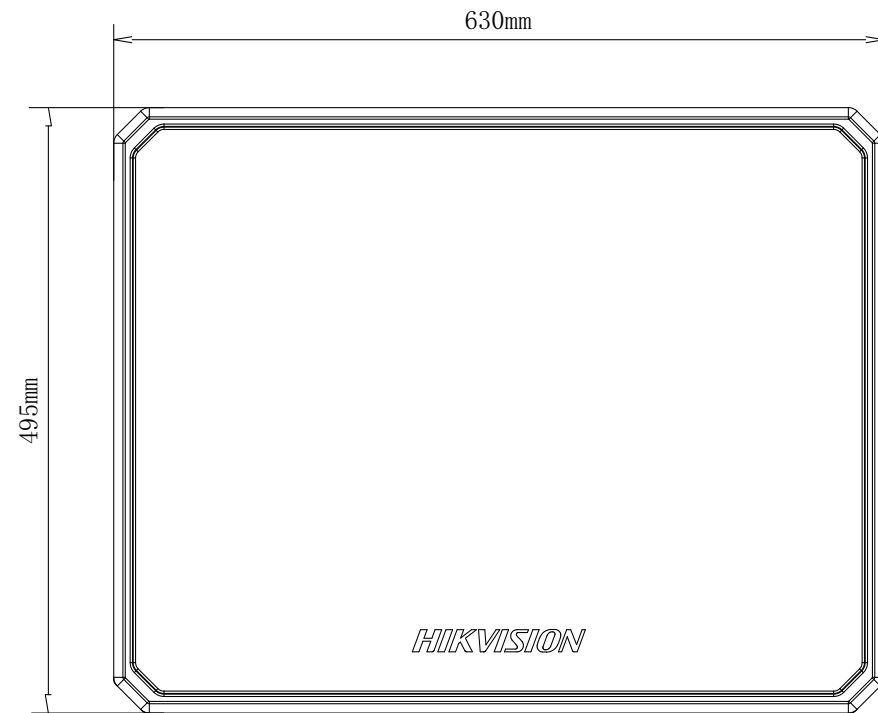
Installation Video

If you only want to know radar configuration related information, please scan the QR code aside to read configuration guide.

If you only want to know radar installation related information, please scan the QR code aside to read installation guide or you can scan the QR code below to watch the installation guidance video.

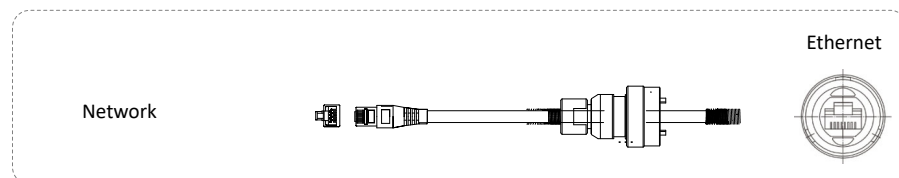
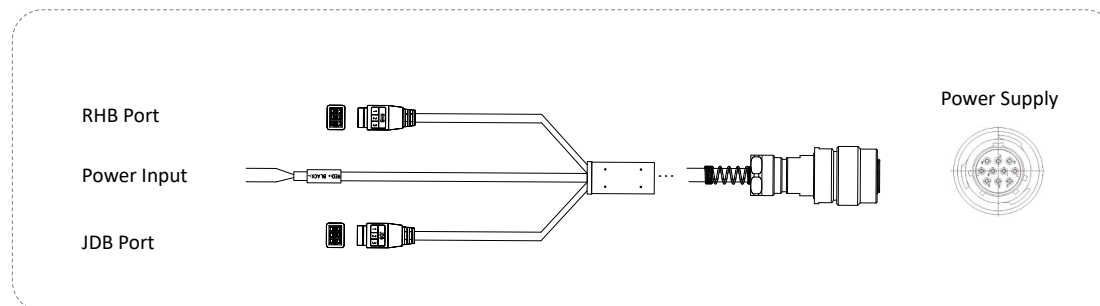
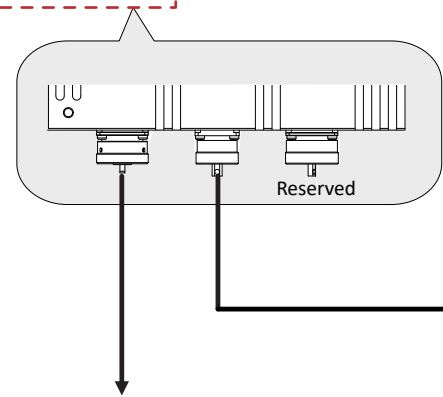
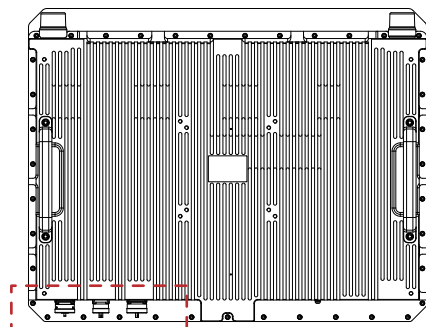
1 Appearance

Security Radar Appearance and Dimension



2 Wiring

Security Radar Connection Port



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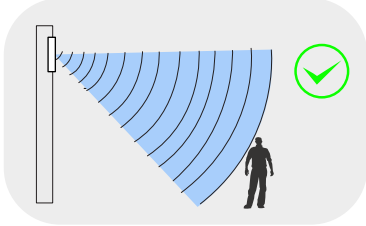


Class 1 laser product used with compatible Class 1 SFP modules according to IEC 60825-1:2014 and EN 60825-1:2014+A11:2021.

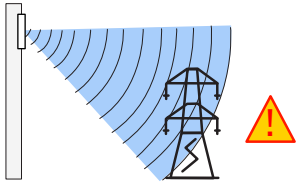
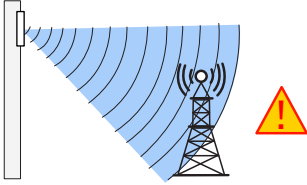
Installation Environment

Install the radar within the temperature of -40°C to +65°C.

Proper Installation Environment

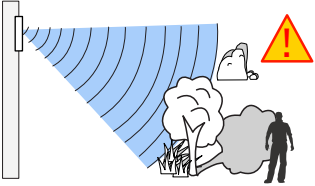


Avoid large electromagnetic wave emission sources in the same frequency band near the radar.

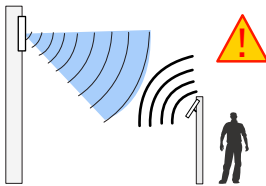


Highly reflective surfaces will result in multi-path effects, tracking instability, signal weakening and other problems.

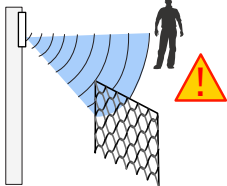
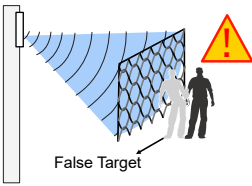
Avoid obstructions such as trees.



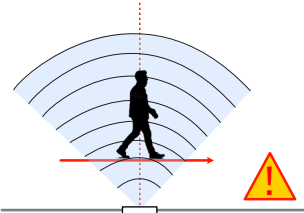
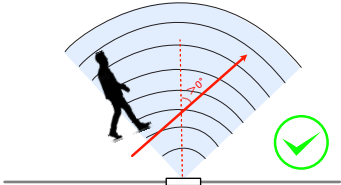
Avoid interference from signal sources in the same frequency band.



Avoid metals and other reflective objects.



Avoid the orientation of the radar perpendicular to the target's trajectory.



For more information concerning the installation of radar, please scan the QR code below.

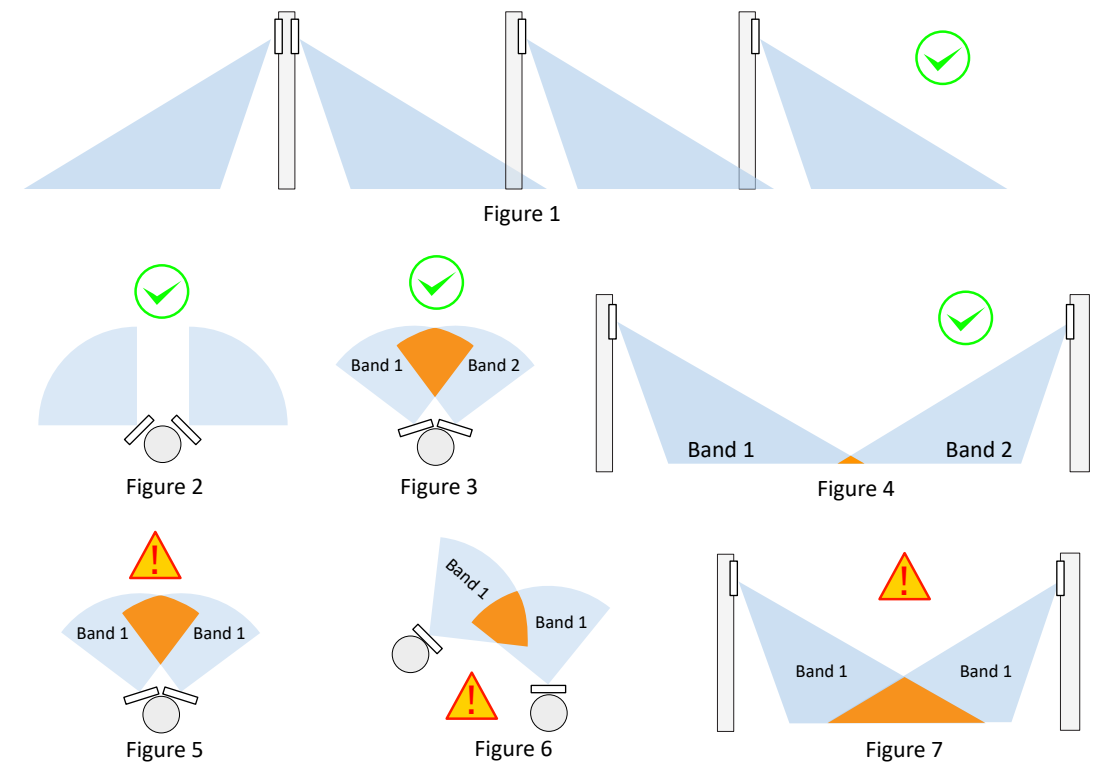


Installation Guide



Installation Video

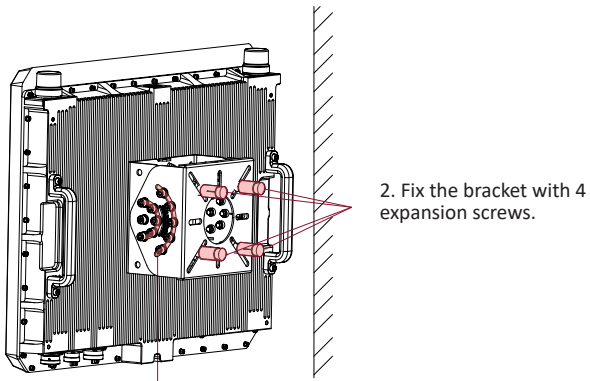
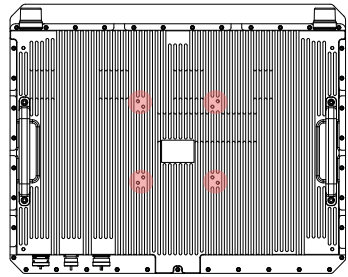
Multiple radars installation
Recommended: Install radars facing same/opposite directions with adequate spacing or different frequency bands.
Not Recommended: Avoid installations where radars face each other within or with overlapping detection ranges.



		Recommended Installation	Not Recommended Installation
		Overlapping Detection Area	
Installation Direction Relative to Each Other	Same Direction	No/Small Overlapping Area (Figure 1)	Large Overlapping Area
	Facing Direction	Different bands (Figure 4)	Same bands (Figure 7)
	Oblique Direction	Different bands (Figure 2, Figure 3)	Same bands (Figure 5, Figure 6)

1 Integrated Bracket Mounting

1. Fix the wall mounting bracket on the radar with 4 screws.
(There are 8 screws contained in the package.)

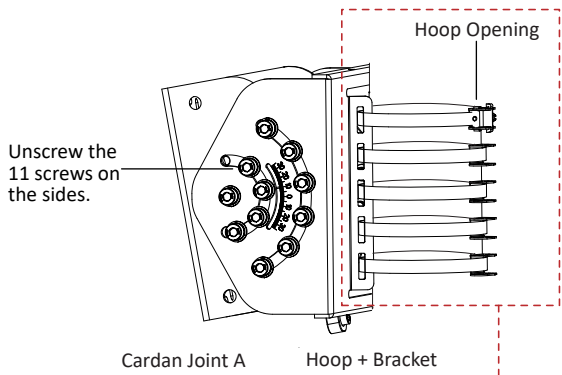


3. Loosen the screws on the sides to adjust the radar angle.

2 Hoop Mounting

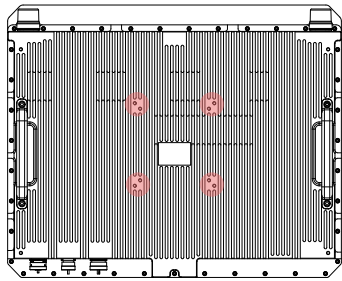
Install the radar and speed dome to the different positons with a hoop and bracket.

1. Disassemble the bracket into two parts, and open the hoop.



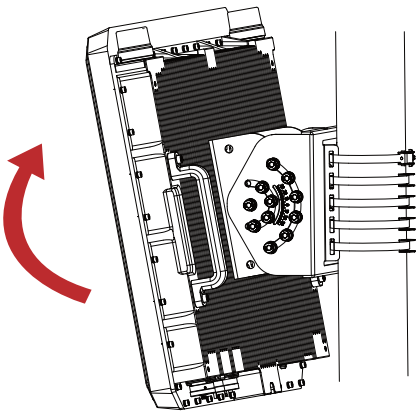
- Only the bracket is included in the package; the hoop needs to be purchased separately.

2. Fix the cardan joint A to the back of the radar with 4 screws
(SC-PSFM4x10-SUS-GB9074.8).



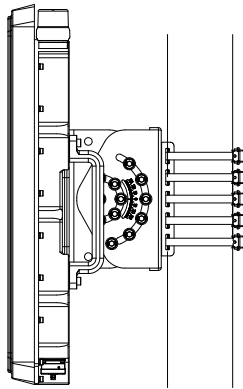
3. Adjust the radar angle according to the actual scene.

4. Fix the 11 screws on the sides of cardan joint A to fix the radar to the bracket.



- The radar bracket can be adjusted for pitch angle according to the scene requirements.

5. Fix the hoop to the vertical pole to complete the installation.



Installation Notes

1. DO NOT install the radar in reverse direction.
 2. Install the radar according to the instructions in Quick Start Guide.
 3. To prevent injury, this radar must be securely attached to the installation surface in accordance with the installation instructions.
 4. CAUTION: If the bracket is designed for a specific device model of our company, use the bracket with the corresponding device only. Use with other devices may result in instability and cause injury.