

# AP362

## Overview

**Table 2-161** Basic information about the AP362

Item	Details
Description	AP362(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50085706
Model	AP362
First supported version	V200R021C11

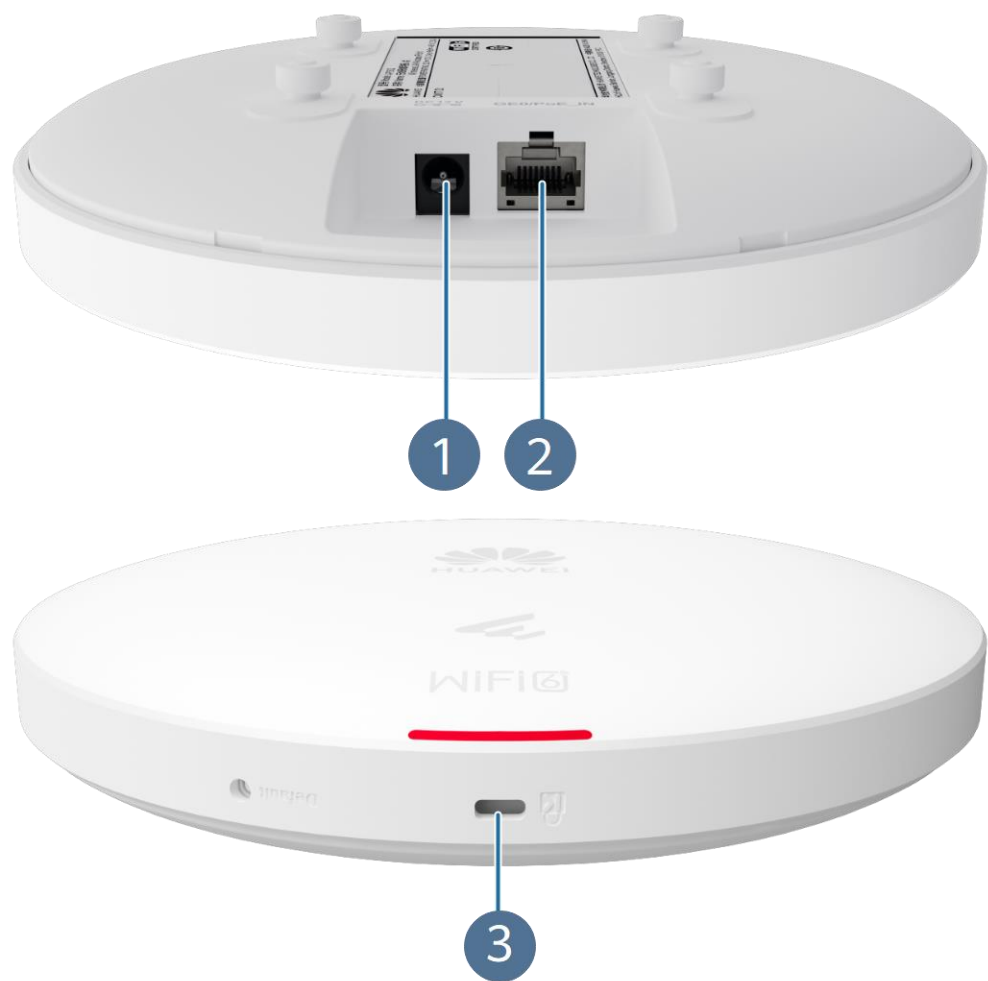
## Appearance

**Figure 2-97** Appearance of the AP362



Ports

Figure 2-98 Ports on the AP362



1	DC12V	2	GE0/PoE_IN
3	Security slot	-	-

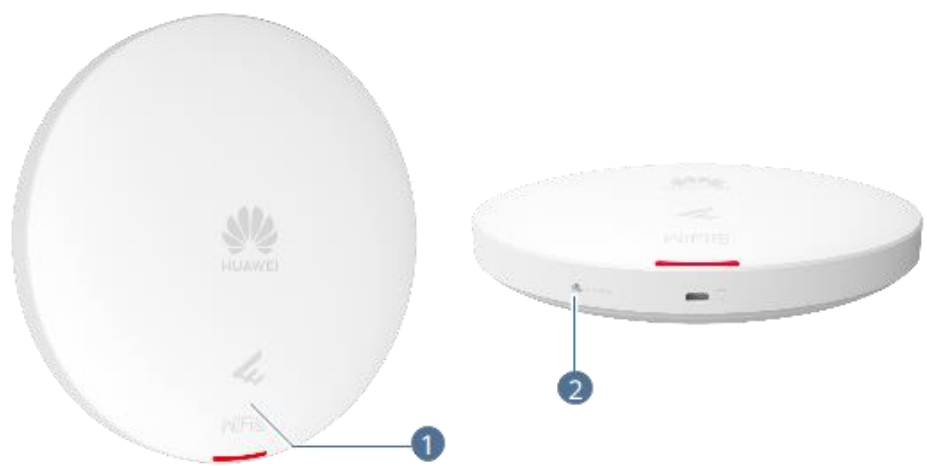
Table 2-162 Ports on the AP362

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	10/100/1000M auto-sensing Ethernet electrical port that connects to the wired	Network cable

Port	Connector Type	Description	Available Components
		Ethernet and supports PoE input.	
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V DC power adapter

### Indicators and Buttons

**Figure 2-99** Indicators and buttons on the AP362



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
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**Table 2-163** Indicators on the AP362

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.

Silkscreen	Name	Color	Status	Description
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	<p>The AP works in Fat or Fit mode.</p> <ul style="list-style-type: none"> <li>The software is being upgraded.</li> </ul>

Silkscreen	Name	Color	Status	Description
				<ul style="list-style-type: none"> <li>In Fit mode, the AP is requesting to go online or fails to go online.</li> </ul>
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and

Silkscreen	Name	Color	Status	Description
				must be rectified manually.

**Table 2-164** Buttons on the AP362

Silkscreen	Name	Description
Default	Reset button	If you press the button, the device resets; if you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.

## Technical Specifications

**Table 2-165** Technical specifications of the AP362

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling</li> <li>• T-Rail</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	52 mm x 231 mm x 200 mm (2.05 in. x 9.09 in. x 7.87 in.)
Weight without packaging [kg(lb)]	0.46 kg (1.01 lb)
Weight with packaging [kg(lb)]	0.80 kg (1.76 lb)
Storage	NAND Flash 256 MB
Console port	None

Item	Specification
Maximum power consumption [W]	11.2 W
Power supply mode	<ul style="list-style-type: none"> <li>• DC adapter</li> <li>• PoE</li> </ul>
Rated input voltage [V]	12 V
Input voltage range [V]	DC: 12 V $\pm$ 10% PoE: 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion C
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	–10°C to +50°C (14°F to 122°F) (If the altitude is in the range of 1800 m to 5000 m, the temperature decreases by 1°C or 1.8°F every time the altitude increases by 300 m.)
Storage temperature [°C(°F)]	–40°C to +70°C (–40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH
Long-term operating altitude [m(ft.)]	–60 m to +5000 m (–196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	floating ground
BLE	Not supported
Radio number	2

Item	Specification
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4G: 802.11b/g/n/ax 5G: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4G: 4 dBi/chain (peak) 2 dBi (combined gain) 5G: 5 dBi/chain (peak value) 3 dBi (combined gain)
Maximum transmit power	2.4G: 20 dBm/chain 23 dBm (combined power) 5G: 20 dBm/chain 23 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	205.07 year
MTTR [hour]	0.5 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	No function is limited.
802.3at power supply description	No function is limited.
802.3af power supply description	No function is limited.



Item	Specification
DC power supply description	No function is limited.