PROFESSIONAL WIFI / OUTDOOR ACCESS

OUTDOOR E6

High-capacity directional outdoor access

A directional 5 GHz or 6 GHz WiFi 7 radio. Four antenna paths and 4x4 MIMO deliver high capacity across a 120° sector.



High-density capacity

WiFi 7 radio with four spatial streams.

Focused outdoor coverage

Four integrated 19 dBi antenna paths across a 120° sector.

Fast upstream connectivity

2.5 GbE and a 10G SFP+ interface.

4x4	11.528 Gbps	120°	IP67
MIMO	MAX. RADIO RATE[1]	SECTOR COVERAGE	WEATHER PROTECTION

Professional access beyond the building.

Outdoor coverage

Provide wireless access across open professional spaces.

Network segmentation

Configure the supported network and wireless security settings.

Site integration

Select mounting, antennas and power to suit the installation.

1. PHY rates are theoretical. Actual throughput and range depend on radio configuration, client equipment, line of sight and operating conditions.

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DEPLOYMENT / OUTDOOR E6

Outdoor coverage. Two applications.

High-density WiFi access and Starlink coverage extension.

01 High-density WiFi. Outdoors.

Four spatial streams and directional coverage serve busy outdoor spaces.

OUTDOOR E6

4x4 MIMO

High-density access

120° directional coverage

Roof-mounted radio



Outdoor client area

02 Extend Starlink coverage outdoors.

Starlink backhaul extends outdoor WiFi coverage up to 1 km across the surrounding grounds.



Ethernet handoff + compatible PoE

Green outdoor spaces

Illustrative deployment. Coverage depends on radio settings, client devices and site conditions.

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TECHNICAL SPECIFICATIONS

OUTDOOR E6

Radio & performance

Wireless technology	WiFi 7
Radio configuration	5 or 6 GHz directional radio
Maximum radio rates	11,528 Mbps WiFi
Antenna configuration	Integrated 4x 19 dBi · 120°
Spatial Diversity	4x4 MIMO
Channel width	20 / 40 / 80 / 160 / 320 MHz
Maximum transmit power	30 dBm

Hardware & power

Network interfaces	2.5 GbE + 10G SFP+
Power	PoE 22-56 V / DC 12 V
Architecture	Outdoor WiFi access / PtMP
Processor	Quad-core ARM Cortex-A53 · 1.5 GHz
RAM	1 GB
Flash	128 MB
Maximum consumption	<16 W
Surge suppression	8 kV

Mechanical & environmental

Enclosure / protection	IP67
Operating temperature	-40 to +70°C
Dimensions	620 × 240 × 75 mm
Weight	3.5 kg

Networking & management

Wireless operating modes	AP WDS · Client WDS
Network modes	Bridge · Router
Wireless security	WPA-PSK · WPA2-PSK · WPA/WPA2-PSK (AES / TKIP)
VLAN	IEEE 802.1Q
DHCP	Server · Client
Management	HTTP / HTTPS · SNMPv1/v2/v3 · TR-069 · SSH

Ordering information

Model	OUTDOOR E6
Package contents	Available on request

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