Fortinet Wireless Accessories Portfolio

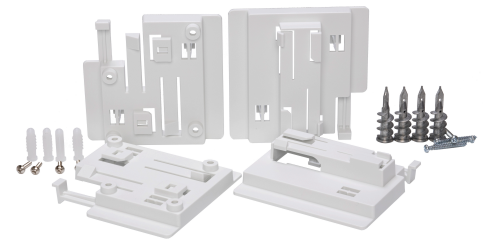## Power and Mounting Options for FortiAP Devices

Fortinet offers a wide selection of power and mounting solutions to use with our versatile line of FortiAP and FortiAP-U access points.

PoE Injectors

DC Power Supplies

Mounting Hardware

Available Models

ACCESSORIES	SKU	DESCRIPTION	SUPPORTED MODELS
POE injectors	GPI-115	IEEE 802.3af-compliant single-port, mid-span, with 15.4 Watt Gigabit Ethernet (GE) PoE	Fortinet FAP 802.3af-compliant devices
	GPI-130	IEEE 802.3at-compliant single-port, mid-span, with 30 Watt Gigabit Ethernet (GE) PoE	Fortinet FAP 802.3at-compliant devices
	GPI-145	IEEE 802.3bt-compliant single-port, mid-span, with 60 Watt 10/100/1000 Mbps, 2.5/5/10 Gbps Ethernet PoE	Fortinet FAP 802.3bt-compliant devices
DC Power Supplies **XX refers to regional adapters**	SP-FAP200-PA-XX	12V, 2.5A, 30 Watt DC power supply	FAP-231G, FAP-233G, FAP-231F, FAP-U231F, FAP-221E, FAP-223E, FAP-231E, FAP-U221EV, FAP-U223EV, FAP-U321EV, FAP-U323EV
	SP-FAP250-PA-10	12V, 4A, 48 Watt DC power supply (extended temperature range)	FAP-431G, FAP-433G, FAP-231F, FAP-U231F
	SP-FAP400-PA-XX	12V, 3A, 36 Watt DC power supply	FAP-431G, FAP-433G, FAP-431F, FAP-433F, FAP-831F, FAP-U421EV, FAP-U423EV, FAP-831F
	SP-FAP43F-PA-XX-5	12V, 2.5A, 30 Watt DC power supply (Pack of 5)	FAP-U431F, FAP-U433F
	SP-FAP23J-PA-10	48V, 1.04A, 50 Watt DC power supply (Pack of 10)	FAP-23JF
	SP-FAPU24-PA	54V, 1.2A, 65 Watt DC power supply (Pack of 5)	FAP-U24JEV
Mounting Hardware	FAP-400-MNT-10	Complete wall and T-rail Mount Kit (Pack of 10)	FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F, FAP-U221EV, FAP-U223EV, FAP-U321EV, FAP-U323EV, FAP-U421EV, FAP-U423EV
	FAP-400-SMNT-20	Mounting brackets for standard/wall or ceiling mount (Pack of 20)	FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F FAP-U421EV, FAP-U423EV, FAP-U221EV, FAP-U223EV, FAP-U321EV, FAP-U323EV
	FAP-SMNT-MTL-20	Metal extended standoff mounting brackets for standard T-rail wall or ceiling mount (Pack of 20)	FAP-421E, FAP-423E, FAP-S421E, FAP-S423E, FAP-U421EV, FAP-U423EV, FAP-U221EV, FAP-U223EV, FAP-S221E, FAP-S223E, FAP-U321EV, FAP-U323EV, FAP-231E, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F, FAP-231F
	FAP-400-RMNT-20	Mounting brackets for recessed T-rail (Pack of 20)	FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433, FAP-U421EV, FAP-U423EV, FAP-U221EV, FAP-U223EV, FAP-U321EV, FAP-U323EV
	FAP-ALL-MTL-5	Metal mounting brackets for standard T-rail, wall, or ceiling mount (Pack of 5)	FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F, FAP-U421EV, FAP-U423EV, FAP-U221EV, FAP-U223EV, FAP-U321EV, FAP-U323EV
	FAP-BRKT-MNT-5	Wall or Mast mounting solution for outdoor Access Points (Pack of 5)	FAP-234G, FAP-234F, FAP-432F, FAP-U234F, FAP-U432F
	FAP-221E-MNT-50	Complete wall and T-rail Mount Kit (Pack of 50)	FAP-221E, FAP-223E
	FAP-MNT-WJ-20	Desktop stand for Wall Jack style APs. Converts wall mounting hardware included with unit to desktop mounting (Pack of 20)	FAP-23JF, FAP-U24JEV, FAP-C24JE
Enclosures	FAP-ENC-43X	Under-seat enclosure for stadiums and arenas	FAP-431F, FAP-U431F, FAP-231F, FAP-U231F, FAP-231E, FAP-221E, FAP-U221EV, FAP-231E, FAP-U321E
	FAP-ENC-12X10	12 × 10 × 6 inch NEMA 4X Polycarbonate Enclosure is intended for indoor or outdoor use	FAP-233G/231G, FAP-433G/431G, FAP-433F/431F, FAP-423E/421E, FAP-U433F/U431F, FAP-U323EV/U321EV, FAP-U223E/U221E, FAP-S423E/S421E, FAP-U423EV/U421EV

PoE Injectors

GPI-115 / GPI-130 / GPI-145

The GPI-115, GPI-130, and GPI-145 utilize an intelligent design to automatically supply power to only those devices that can accept power over the Ethernet connection. It ensures that legacy non-802.3af/802.3at/802.3bt units can continue to operate.

Specifications

	GPI-115	GPI-130	GPI-145
Hardware Specifications			
Number of Ports	2:1 for data in, 1 for data and power out	2:1 for data in, 1 for data and power out	2:1 for data in, 1 for data and power out
Pass-through Data Rates	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000Mbps, 2.5/5/10Gbps
Maximum Cable Run	100 meters or 330 feet which corresponds to Ethernet limits	100 meters or 330 feet which corresponds to Ethernet limits	100 meters or 330 feet which corresponds to Ethernet limits
LED Indicator	Power On/Off and overload conditions	Power On/Off and overload conditions	Power On/Off and overload conditions
Connectors	Shielded RJ-45, EIA 568A and 568B	Shielded RJ-45, EIA 568A and 568B	Shielded RJ-45, EIA 568A and 568B
MTBF	100 000 hrs. @25ºC	100 000 hrs. @25ºC	200 000 hrs. @ 25ºC
Environment			
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (–) Output Power Voltage: 50V DC Output Power: 15.4 Watts	Pin Assignment and Polarity: 4/5 (+), 7/8 (–) Output Power Voltage: 55V DC Output Power: 36 Watts	Data Pairs 1/2 (-), 3/6 (+) Spare Pairs 7/8 (-), 4/5 (+) Output Power Voltage: 55 Vdc nominal
Input Power Requirements	AC Input Voltage: 90V to 264V AC AC Input Current: 0.5A @ 100V–240V AC AC Frequency: 47–63 Hz	AC Input Voltage: 100V to 240V AC AC Input Current: 0.8A @ 100V–240V AC AC Frequency: 50–60 Hz	AC Input Voltage: 100 to 240 Vac AC Input Current: 1.5A @ 100 Vac AC Frequency: 50 to 60 Hz
Operating Ambient Temperature	32º–104ºF (0º–40ºC)	32º–104ºF (0º–40ºC)	32º–104ºF (0º–40ºC)
Storage Temperature	-4º–158ºF (-20º–70ºC)	-4º–158ºF (-20º–70ºC)	-4º–158ºF (-20º–70ºC)
Operating Humidity	Maximum 90%, non-condensing	Maximum 90%, non-condensing	Maximum 90%, non-condensing
Storage Humidity	Maximum 95%, non-condensing	Maximum 95%, non-condensing	Maximum 95%, non-condensing
Heat Dissipation	13 BTU/h (@ 240V AC)	20 BTU/h (@ 240V AC)	36 BTU/Hr (@ 240V AC)
Dimensions			
Height x Width x Length (inches)	1.28 × 2.09 × 5.5	1.28 × 2.09 × 5.5	1.28 × 2.09 × 5.5
Height x Width x Length (mm)	32.5 × 53 × 140	32.5 × 53 × 140	32.5 × 53 × 140
Weight	0.44 lbs (200 g)	0.44 lbs (200 g)	0.73 lbs (330g)
Compliance			
Regulatory Compliance	IEEE 802.3af (PoE), RoHS Compliant, WEEE Compliant, CE	IEEE 802.3at (PoE), RoHS Compliant, WEEE Compliant, CE	IEEE 802.3bt (PoE), RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission and Immunity	FCC Part 15, Class B, EN 55022 Class B, EN 55024, VCCI	FCC Part 15, Class B, EN 55022 Class B, EN 55024, VCCI	FCC Part 15, Class B EN 55032 Class B EN 55024 VCCI
Safety	UL/cUL per IEC 60950-1, GS Mark per IEC 60950-1	UL/cUL per IEC 60950-1, GS Mark per IEC 60950-1	UL/IEC/EN 62368-1
Warranty			
Time Period	1 Year	1 Year	1 Year

GPI-115 and GPI-130

DC Power Supplies

SP-FAP200-PA-XX / SP-FAP250-PA-10 / SP-FAP400-PA-XX/ SP-FAP43F-PA-XX-5/ SP-FAP23J-PA-10/ SP-FAPU24-PA

Fortinet's DC Power Supplies provide constant and regulated power with standard regional plugs and plug adapters for 110-240V input sources. Output power ranges range from 30W to 65W, specifically designed to optimize FortiAP power requirements.

Specifications

	SP-FAP200-PA-XX*	SP-FAP250-PA-10	SP-FAP400-PA-XX	SP-FAP43F-PA-XX-5	SP-FAP23J-PA-10*	SP-FAPU24-PA**
Power Specifications						
Input Power	100-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC
Output Power	30W (12V DC @ 2.5A)	48W (12V DC @ 4A)	36W (12V @ 3A)	30W (12V @ 2.5A)	50W (48V @ 1.04A)	65W (54V @ 1.2A)
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 50°C (32°F to 122°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Supported Models						
FAP-221E	✓	—	—	—	—	—
FAP-223E	✓	—	—	—	—	—
FAP-U221EV	✓	—	—	—	—	—
FAP-U223EV	✓	—	—	—	—	—
FAP-U321EV	✓	—	—	—	—	—
FAP-U323EV	✓	—	—	—	—	—
FAP-231E	✓	—	—	—	—	—
FAP-231F	✓	✓	—	—	—	—
FAP-U231F	✓	✓	—	—	—	—
FAP-231G	✓	✓	—	—	—	—
FAP-233G	✓	✓	—	—	—	—
FAP-431F	—	—	✓	—	—	—
FAP-433F	—	—	✓	—	—	—
FAP-431G	—	✓	✓	—	—	—
FAP-433G	—	✓	✓	—	—	—
FAP-441K	—	✓	—	—	—	—
FAP-443K	—	✓	—	—	—	—
FAP-831F	—	—	✓	—	—	—
FAP-U421EV	—	—	✓	—	—	—
FAP-U423EV	—	—	✓	—	—	—
FAP-U431F	—	—	—	✓	—	—
FAP-U433F	—	—	—	✓	—	—
FAP-23JF	—	—	—	—	✓	—
FAP-U24JEV	—	—	—	—	—	✓

SP-FAP400 Series

SP-FAPU24/23J Series

SP-FAP200/250 Series

For those AC adapters that lack an AC power cable, a C14 power cable can be obtained by ordering SP-FGPCOR-XX with XX being replaced with the applicable country code as follows:

Code	Outlet Type	Example Countries
AU	I	Australia, Argentina
EU	C, F	European countries
UK	G	Great Britian
US	B	USA, Mexico, Canada, Japan

Mounting Hardware

FAP-400-MNT-10 / FAP-400-SMNT-20 / FAP-SMNT-MTL-20 / FAP-400-RMNT-20 / FAP-ENC-43X / FAP-BRKT-MNT-5 / FAP-221E-MNT-50 / FAP-MNT-WJ-20

Fortinet offers complete kits for wall, ceiling T-Rail, recessed T-Rail, under-seat wedge enclosure, articulated wall or pole, desktop and wall jack conversion mounting solutions.

	FAP-400-MNT-10	FAP-400-SMNT-20	FAP-400-RMNT-20
HARDWARE			
Mounting Type	Wall Mount T-Rail Mount 9/16 in and 15/16 in Standard 9/16 in and 15/16 in Recessed	Wall Mount T-Rail Mount 9/16 in and 15/16 in Standard	T-Rail Mount 9/16 in and 15/16 in Recessed
Number of Kits	10	20	20
Supported Models			
FAP-U221EV/UV223EV	⊘	⊘	⊘
FAP-U321EV/U323EV	⊘	⊘	⊘
FAP-U421EV/U423EV	⊘	⊘	⊘
FAP-U431F/U433F	⊘	⊘	⊘
FAP-231F	⊘	⊘	⊘
FAP-431F/433F	⊘	⊘	⊘
FAP-831F	⊘	⊘	⊘
FAP-231G	⊘	⊘	⊘
FAP-233G	⊘	⊘	⊘
FAP-431G	⊘	⊘	⊘
FAP-433G	⊘	⊘	⊘

FAP Ceiling/Wall Mount Bracket

FAP-400 Wall/Ceiling Mount
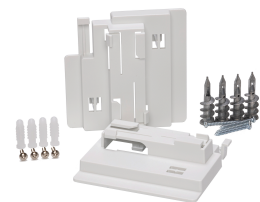
FAP-400 Recessed T-Rail Mount

Mounting Hardware

FAP-ALL-MTL-5	
Hardware	
Mounting Type	Standard T-Rail, Wall, or Ceiling
Number of Kits	5
Supported Models	
FAP-231G	⊘
FAP-233G	⊘
FAP-431G	⊘
FAP-433G	⊘
FAP-231F	⊘
FAP-431F	⊘
FAP-433F	⊘
FAP-831F	⊘
FAP-U431F	⊘
FAP-U433F	⊘
FAP-U421EV	⊘
FAP-U423EV	⊘
FAP-U221EV	⊘
FAP-U223EV	⊘
FAP-U321EV	⊘
FAP-U323EV	⊘

FAP-ALL-MTL-5 Top (Top view)
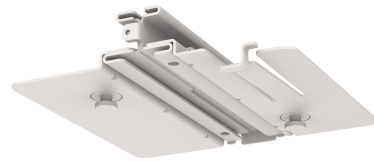
FAP-ALL-MTL-5 Bottom (Bottom view)

FAP-SMNT-MTL-20	
Hardware	
Mounting Type	Adjustable Metallic Wall or Ceiling Mount
Number of Kits	20
Supported Models	
FAP-U221EV/U223EV	⊘
FAP-U321EV/U323EV	⊘
FAP-U421EV/U423EV	⊘
FAP-U431F/U433F	⊘
FAP-231E	⊘
FAP-421E/423E	⊘
FAP-231F	⊘
FAP-431F/433F	⊘
FAP-831F	⊘
FAP-231G	⊘
FAP-233G	⊘
FAP-431G	⊘
FAP-433G	⊘
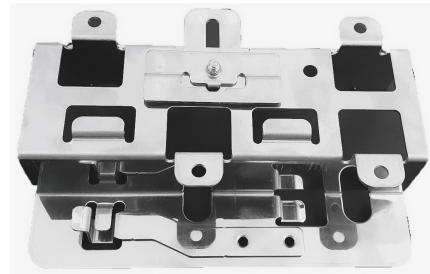
FAP-SMNT-MTL-20

Mounting Hardware

FAP-BRKT-MNT-5	
Hardware	
Mounting Type	Fully Articulated Wall Mount
	Pole/Mast Mount
Number of Kits	5
Supported Models	
FAP-234G	⊘
FAP-234F	⊘
FAP-432F	⊘
FAP-U234F	⊘
FAP-U432F	⊘
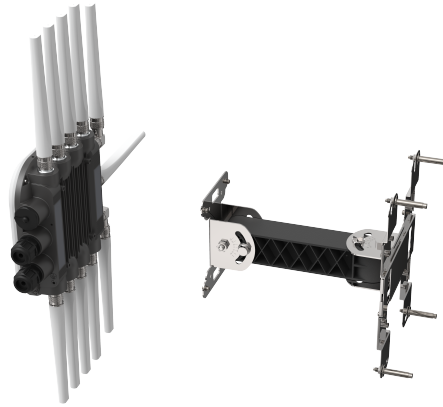
FAP-221E-MNT-50	
Hardware	
Mounting Type	Wall Mount
	T-Rail
Number of Kits	50
Supported Models	
FAP-221E/223E	⊘
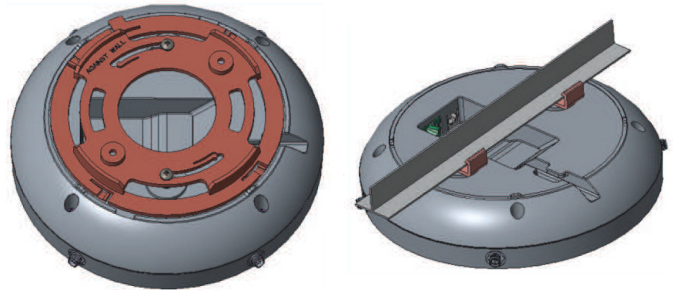
FAP-MNT-WJ-20	
Hardware	
Mounting Type	Desktop Stand
Number of Kits	20
Supported Models	
FAP-C24JE	⊘
FAP-U24JEV	⊘
FAP-23JF	⊘

Mounting Hardware

	FAP-ENC-43X
Hardware	
Mounting Type	Under-Seat Wedge
	Wall Mount (Any Flat Surface)
Application	
Indoor/Outdoor	⊘
Inconspicuous	⊘
Harsh Environments	⊘
Stadiums and Arenas	⊘
Mechanical	
Polycarbonate Cover	⊘
Power Coated, Heavy-Gauge 5052 Aluminum, Mounting Plate	⊘
Gore Membrane Vent	⊘
Adapted Plate Included	⊘
Supported Models	
FAP-U221EV	⊘
FAP-U321EV/U323EV	⊘
FAP-221E/231E	⊘
FAP-231F/U231F	⊘
FAP-431F/U431F	⊘
FAP-231G	⊘
FAP-233G	⊘
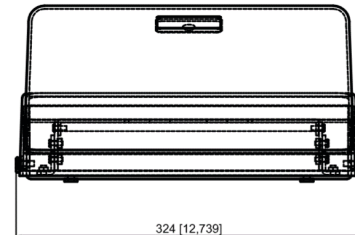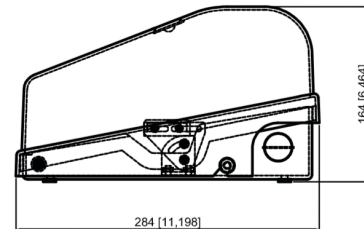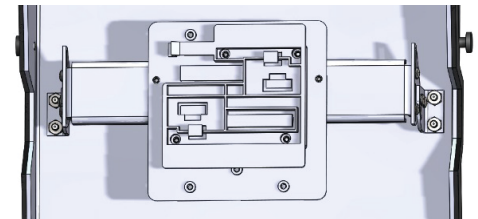
FAP-ENC-43X

Mounting Hardware

	FAP-ENC-12X10
Hardware	
Mounting Type	Pole or Mast
	Wall Mount (Any Flat Surface)
Application	
Indoor/Outdoor	✓
Inconspicuous	✓
Harsh Environments	✓
Stadiums and Arenas	✓
Mechanical	
Polycarbonate Cover	✓
Power Coated, Heavy-Gauge 5052 Aluminum, Mounting Plate	✓
Gore Membrane Vent	✓
Adapted Plate Included	✓
Supported Models	
FAP-233G/231G	✓
FAP-433G/431G	✓
FAP-433F/431F	✓
FAP-423E/421E	✓
FAP-U433F/U431F	✓
FAP-U323EV/U321EV	✓
FAP-U223E/U221E	✓
FAP-S423E/S421E	✓
FAP-U423EV/U421EV	✓

Polycarbonate Enclosures
12 x 10 x 6 in. and 14 x 12 x 6 in.

ventev
Connect, Protect, and Enable™

12 x 10 x 6 Basic Enclosures

Door Type - Opague; Lock Type - Latch

Hole Configuration	SKU	MFG Part #
8 - ½ in. Holes and Cord Grip	217166	V12106LO-8.5-T

Specifications

Size	12 x 10 x 6 in. / 14 x 12 x 6 in.
Environment	Indoor/Outdoor
Locks	Latch
Weight	5.89 lbs.
NEMA Rating	4X
Material	Polycarbonate
Mounting	Wall or Pole
Operating Temperature Range	-40° to 265° F

Configuration Options

Opaque Door

Latch Locks

8 Bulkhead Holes (½ in.)

Optional Accessories

590596	*RPSMA Male to RPSMA Bulkhead Female Cable Assembly – ½ in. Bulkhead
291487	RPTNC Lightning Arrestor
289319	RPSMA Lightning Arrestor
303580	Pole Mount Kit
282607	Right Angle Bracket

Custom assembly required to accommodate ½ in. holes in 8-hole base.

Included Accessories (Pictured Above)

15/16 in. T-Bar Mounting Plate

IP67 Rated NEMA Plugs – Qty. 8

Cord Grip

Self-Tapping Screws (10 pk.)

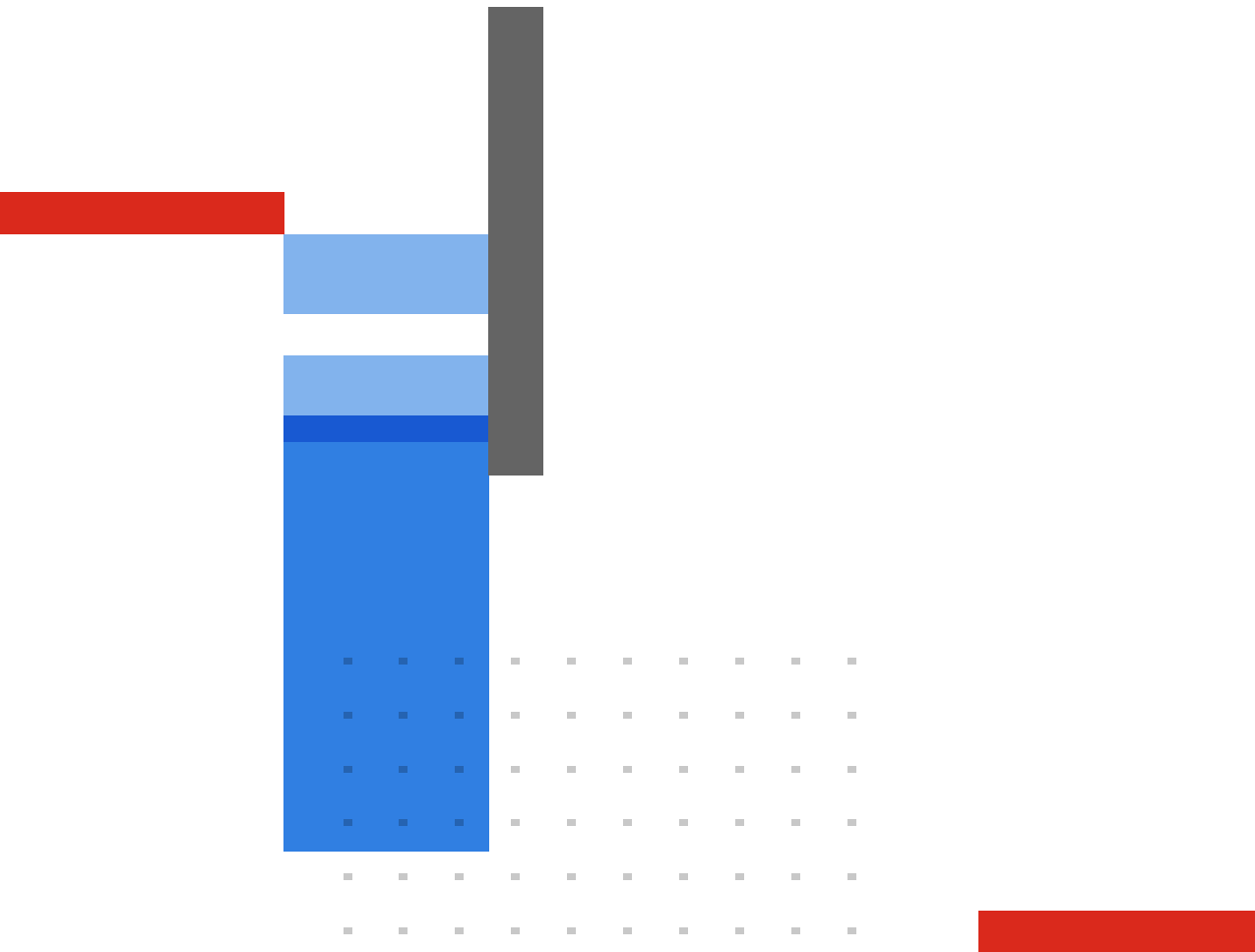# Ordering Information

Product	SKU	Description
POE Injectors	GPI-115	IEEE 802.3af-compliant single-port, mid-span, with 15.4 Watt Gigabit Ethernet (GE) PoE.
	GPI-130	IEEE 802.3at-compliant single-port, mid-span, with 30 Watt Gigabit Ethernet (GE) PoE.
	GPI-145	IEEE 802.3bt-compliant single-port, mid-span, with 60 Watt 10/100/1000 Mbps, 2.5/5/10 Gbps PoE.
DC Power Supplies	SP-FAP200-PA-XX	12V, 2.5A, 30 Watt DC power supply.
	SP-FAP250-PA-10	12V, 4A, 48 Watt DC power supply (extended temperature range); Pack of 10.
	SP-FAP400-PA-XX	12V, 3A, 36 Watt DC power supply.
	SP-FAP43F-PA-XX-5	12V, 2.5A, 30 Watt DC power supply (Pack of 5).
	SP-FAP23J-PA-10	48V, 1.04A, 50 Watt DC power supply (Pack of 10).
	SP-FAPU24-PA	54V, 1.2A, 65 Watt DC power supply.
Mounting Hardware	FAP-400-MNT-10	Complete wall and T-rail Mount Kit (Pack of 10).
	FAP-400-SMNT-20	Mounting brackets for standard/ wall or ceiling mount (Pack of 20).
	FAP-SMNT-MTL-20	Metal mounting brackets for standard T-rail wall or ceiling mount (Pack of 20).
	FAP-400-RMNT-20	Mounting brackets for recessed T-rail (Pack of 20).
	FAP-ALL-MTL-5	Metal mounting brackets for standard T-rail, wall, or ceiling mount (Pack of 5).
	FAP-BRKT-MNT-5	Wall or Mast mounting solution for outdoor Access Points (Pack of 5).
	FAP-221E-MNT-50	Complete wall and T-rail Mount Kit (Pack of 50).
	FAP-MNT-WJ-20	Desktop stand for Wall Jack style APs. Converts wall mounting hardware included with unit to desktop mounting (Pack of 20).
Enclosures	FAP-ENC-43X	Under-seat enclosure for stadiums and arenas.
	FAP-ENC-12X10	12 × 10 × 6 inch NEMA 4X Polycarbonate Enclosure is intended for indoor or outdoor use.

Visit https://www.fortinet.com/resources/ordering-guides for related ordering guides.

Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.

FÜRTINET

www.fortinet.com

November 14, 2024