

# Fortinet Wireless Accessories Portfolio

## Power and Mounting Options for FortiAP Devices

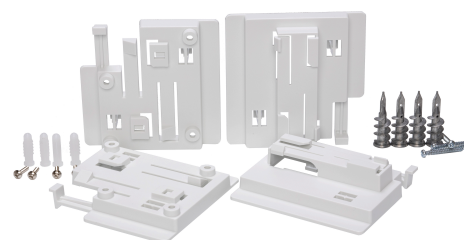
Fortinet offers a wide selection of power and mounting solutions to use with our versatile line of FortiAP access points.



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-231K, FAP-231G, FAP-233G, FAP-231F, FAP-U231F, FAP-221E, FAP-223E
	SP-FAP250-PA-10	12V, 4A, 48 Watt DC power supply (extended temperature range)	FAP-241K, FAP-243K, FAP-441K, FAP-443K, FAP-431G, FAP-433G, FAP-231F, FAP-U231F
	SP-FAP400-PA-XX	12V, 3A, 36 Watt DC power supply	FAP-241K, FAP-243K, FAP-431G, FAP-433G, FAP-431F, FAP-433F, FAP-831F, 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, FAP-24JK
Mounting Hardware	FAP-400-MNT-10	Complete wall and T-rail Mount Kit (Pack of 10)	FAP-231K, FAP-241K, FAP-243K, FAP-441K, FAP-443K, FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F
	FAP-400-SMNT-20	Mounting brackets for standard/wall or ceiling mount (Pack of 20)	FAP-231K, FAP-241K, FAP-243K, FAP-441K, FAP-443K, FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F
	FAP-SMNT-MTL-20	Metal extended standoff mounting brackets for standard T-rail wall or ceiling mount (Pack of 20)	FAP-231K, FAP-241K, FAP-243K, FAP-441K, FAP-443K, FAP-231G, FAP-233G, 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-231K, FAP-241K, FAP-243K, FAP-441K, FAP-443K, FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F
	FAP-ALL-MTL-5	Metal mounting brackets for standard T-rail, wall, or ceiling mount (Pack of 5)	FAP-231K, FAP-241K, FAP-243K, FAP-441K, FAP-443K, FAP-231G, FAP-233G, FAP-431G, FAP-433G, FAP-231F, FAP-431F, FAP-433F, FAP-831F, FAP-U431F, FAP-U433F
	FAP-BRKT-MNT-5	Wall or Mast mounting solution for outdoor Access Points (Pack of 5)	FAP-432G, FAP-234G, FAP-234FR, 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
	FAP-DESK-JK-10pk	Optional desktop stand of FAP-23JK (pack of 10)- Backward compatible to FAP-23JF model.	FAP-23JF, FAP-23JK
	FAP-ENC-43X	Under-seat enclosure for stadiums and arenas	FAP-231K, FAP-241K, FAP-243K, FAP-231G, FAP-233G, FAP-431G, FAP-431F, FAP-U431F, FAP-231F, FAP-U231F, FAP-231E, FAP-221E, FAP-231E
Enclosures	FAP-ENC-12X10	12 x 10 x 6 inch NEMA 4X Polycarbonate Enclosure is intended for indoor or outdoor use	FAP-441K, FAP-231K, FAP-241K, FAP-243K, FAP-233G/231G, FAP-433G/431G, FAP-433F/431F, FAP-U433F/U431F, FAP-U233F/U231F

## 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
<b>Hardware Specifications</b>			
<b>Number of Ports</b>	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
<b>Pass-through Data Rates</b>	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000Mbps, 2.5/5/10Gbps
<b>Maximum Cable Run</b>	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
<b>LED Indicator</b>	Power On/Off and overload conditions	Power On/Off and overload conditions	Power On/Off and overload conditions
<b>Connectors</b>	Shielded RJ-45, EIA 568A and 568B	Shielded RJ-45, EIA 568A and 568B	Shielded RJ-45, EIA 568A and 568B
<b>MTBF</b>	100 000 hrs. @25°C	100 000 hrs. @25°C	200 000 hrs. @ 25°C
<b>Environment</b>			
<b>Power over Ethernet Output</b>	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
<b>Input Power Requirements</b>	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
<b>Operating Ambient Temperature</b>	32°-104°F (0°-40°C)	32°-104°F (0°-40°C)	32°-104°F (0°-40°C)
<b>Storage Temperature</b>	-4°-158°F (-20°-70°C)	-4°-158°F (-20°-70°C)	-4°-158°F (-20°-70°C)
<b>Operating Humidity</b>	Maximum 90%, non-condensing	Maximum 90%, non-condensing	Maximum 90%, non-condensing
<b>Storage Humidity</b>	Maximum 95%, non-condensing	Maximum 95%, non-condensing	Maximum 95%, non-condensing
<b>Heat Dissipation</b>	13 BTU/h (@ 240V AC)	20 BTU/h (@ 240V AC)	36 BTU/Hr (@ 240V AC)
<b>Dimensions</b>			
<b>Height x Width x Length (inches)</b>	1.28 × 2.09 × 5.5	1.28 × 2.09 × 5.5	1.28 × 2.09 × 5.5
<b>Height x Width x Length (mm)</b>	32.5 × 53 × 140	32.5 × 53 × 140	32.5 × 53 × 140
<b>Weight</b>	0.44 lbs (200 g)	0.44 lbs (200 g)	0.73 lbs (330g)
<b>Compliance</b>			
<b>Regulatory Compliance</b>	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
<b>Electromagnetic Emission and Immunity</b>	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
<b>Safety</b>	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
<b>Warranty</b>			
<b>Time Period</b>	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**
<b>Power Specifications</b>						
<b>Input Power</b>	100-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC
<b>Output Power</b>	30W (12V DC @ 2.5A)	48W (12V DC @ 4A)	36W (12V @ 3A)	30W (12V @ 2.5A)	50W (48V @ 1.04A)	65W (54V @ 1.2A)
<b>Operating Temperature</b>	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)
<b>Supported Models</b>						
FAP-221E/223E	✓	—	—	—	—	—
FAP-231K	✓	—	—	—	—	—
FAP-231F	✓	✓	—	—	—	—
FAP-U231F	✓	✓	—	—	—	—
FAP-231G/233G	✓	✓	—	—	—	—
FAP-431F/433F	—	—	✓	—	—	—
FAP-431G/433G	—	✓	✓	—	—	—
FAP-441K/443K	—	✓	—	—	—	—
FAP-241K/243K	—	✓	✓	—	—	—
FAP-831F	—	—	✓	—	—	—
FAP-U421EV	—	—	✓	—	—	—
FAP-U423EV	—	—	✓	—	—	—
FAP-U431F	—	—	—	✓	—	—
FAP-U433F	—	—	—	✓	—	—
FAP-23JF	—	—	—	—	✓	—
FAP-23JK	—	—	—	—	—	✓



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:

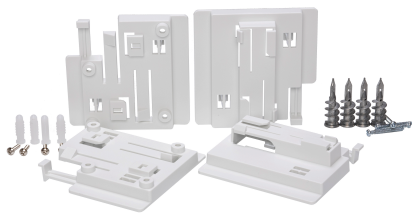
Code	Outlet Type	Example Countries
AU	I	Australia, Argentina
EU	C, F	European countries
UK	G	Great Britain
US	B	USA, Mexico, Canada, Japan

## Mounting Hardware

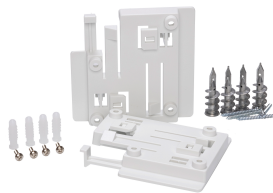
**FAP-400-MNT-10 / FAP-400-SMNT-20 / FAP-SMNT-MTL-20 / FAP-400-RMNT-20 /  
FAP-ENC-43X / FAP-BRKT-MNT-5 / FAP-221E-MNT-50 / FAP-MNT-WJ-20**

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
<b>HARDWARE</b>			
<b>Mounting Type</b>	Wall Mount	Wall Mount	
	T-Rail Mount 9/16 in and 15/16 in Standard 9/16 in and 15/16 in Recessed	T-Rail Mount 9/16 in and 15/16 in Standard	T-Rail Mount 9/16 in and 15/16 in Recessed
<b>Number of Kits</b>	10	20	20
<b>Supported Models</b>			
FAP-231K	✓	✓	✓
FAP-241K/243K	✓	✓	✓
FAP-441K/443K	✓	✓	✓
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

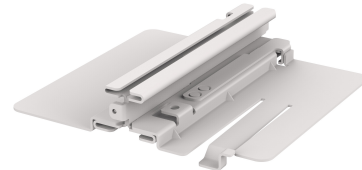


FAP-400 Recessed T-Rail Mount

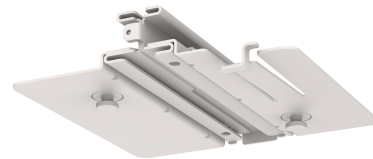


## Mounting Hardware

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-441K/443K	✓
FAP-241K/243K	✓
FAP-231K	✓

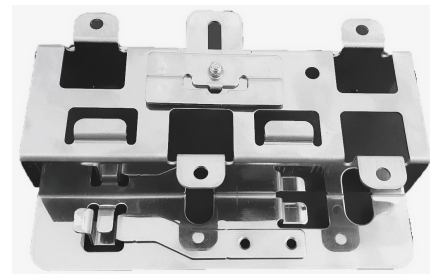


FAP-ALL-MTL-5 Top (Top view)

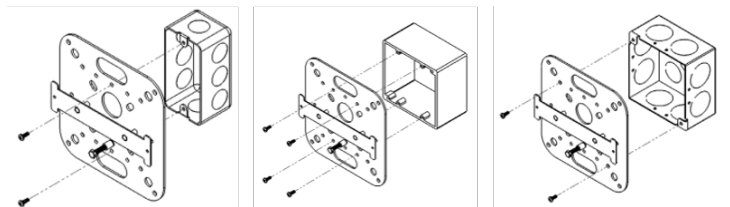


FAP-ALL-MTL-5 Bottom (Bottom view)

	FAP-SMNT-MTL-20	FAP-MNT-Gbox-10pk
Hardware		
	Adjustable Metallic Wall or Ceiling Mount	Enables mounting of FAPs with a 15/16" T-Bar mount to flat surfaces (Wall, Ceiling) outlet box mounting (Single, double gang and 4x4 junction box) hanging conduit (3/4" Trade size), and hanging all-thread (3/8")
Mounting Type		
Number of Kits	20	10
Supported Models		
FAP-441K/443K	✓	✓
FAP-241K/243K	✓	✓
FAP-231K	✓	✓
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

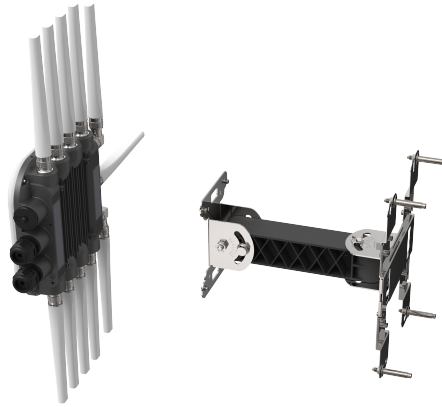


FAP-MNT-Gbox-10pk

## Mounting Hardware

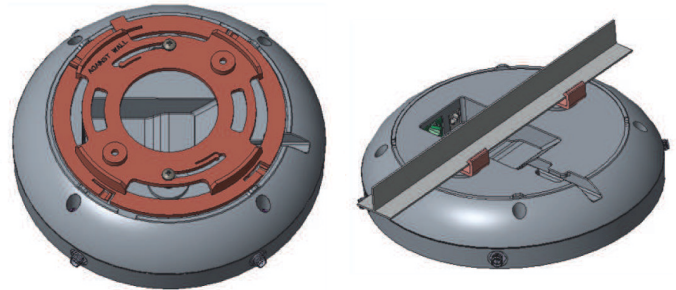
### FAP-BRKT-MNT-5

Hardware	
Mounting Type	Fully Articulated Wall Mount
	Pole/Mast Mount
Number of Kits	5
Supported Models	
FAP-432G	✓
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

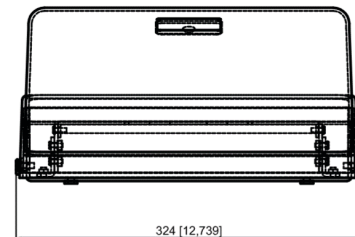
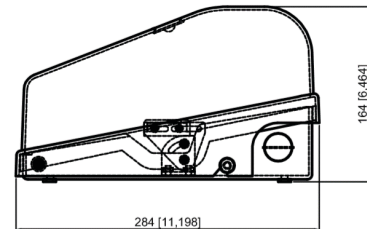
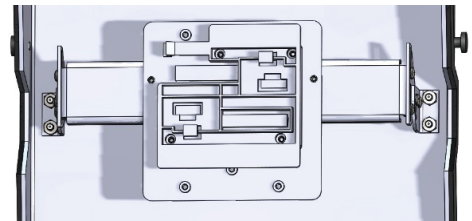
### FAP-DESK-JK-10pk

Hardware	
Mounting Type	Desktop Stand
Number of Kits	20
Supported Models	
FAP-23JK	✓
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-431G	✓
FAP-241K/243K	✓
FAP-221E/231E	✓
FAP-231F/U231F	✓
FAP-431F/U431F	✓
FAP-231G/233G	✓
FAP-231K	✓



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-U433F/U431F	✓
FAP-441K	✓
FAP-241K/243K	✓
FAP-231K	✓



### Polycarbonate Enclosures

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



### 12 x 10 x 6 Basic Enclosures

#### Door Type - Opaque; Lock Type - Latch

Hole Configuration	SKU	MFG Part #
8 - 1/2 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 (1/2 in.)

### Optional Accessories

590596	*RPSMA Male to RPSMA Bulkhead Female Cable Assembly - 1/2 in. Bulkhead
291487	RPTNC Lightning Arrestor
289319	RPSMA Lightning Arrestor
303580	Pole Mount Kit
282607	Right Angle Bracket

### Included Accessories (Pictured Above)

15/16 in. T-Bar Mounting Plate
IP67 Rated NEMA Plugs - Qty. 8
Cord Grip
Self-Tapping Screws (10 pk.)

\* Custom assembly required to accommodate 1/2 in. holes in 8-hole base

## Ordering Information

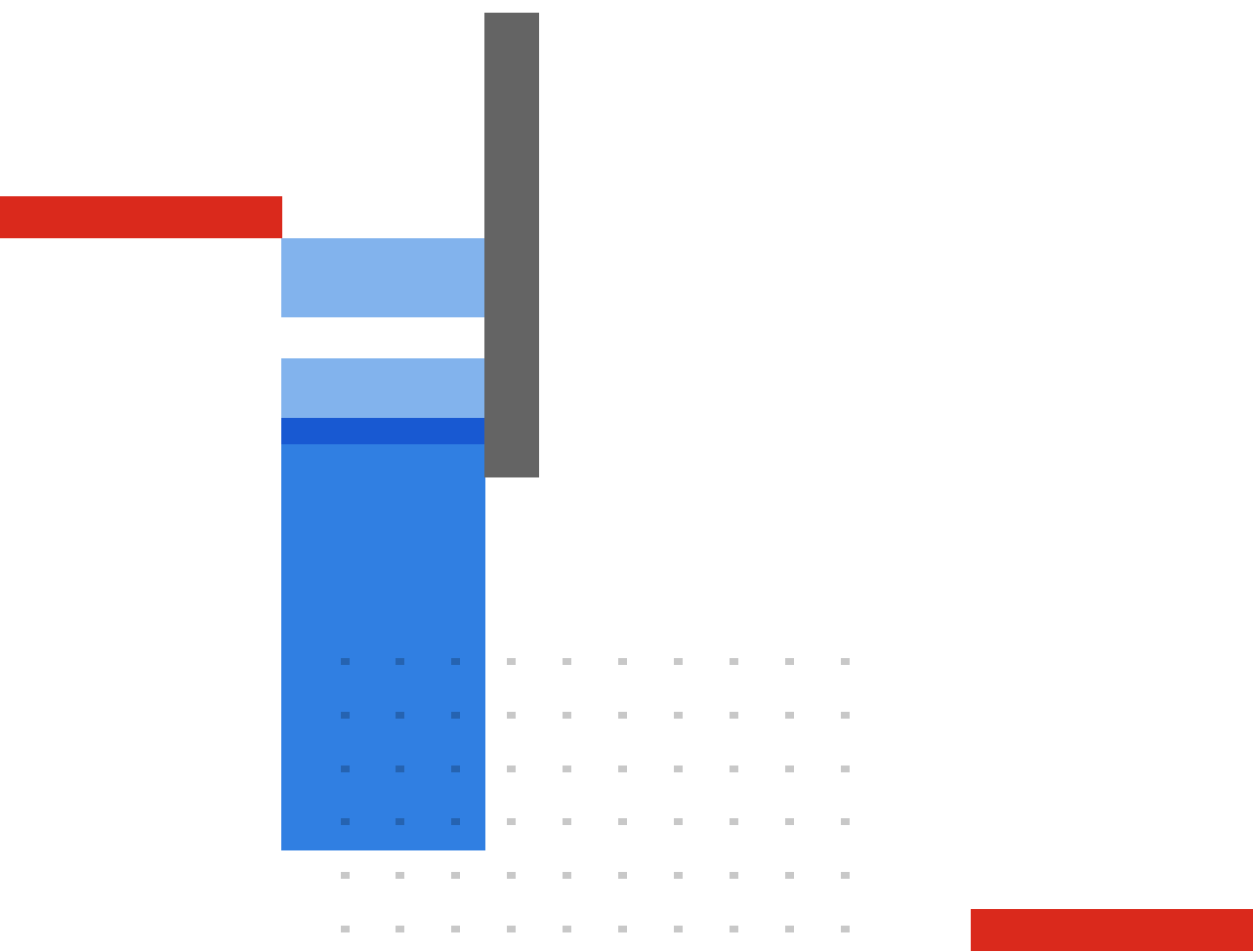
Product	SKU	Description
POE Injectors	GPI-115	IEEE 802.3af-compliant single-port, mid-span, with 15.4 Watt Gigabit Ethernet (GE) PoE.
	GPI-130	IEEE 802.3at-compliant single-port, mid-span, with 30 Watt Gigabit Ethernet (GE) PoE.
	GPI-145	IEEE 802.3bt-compliant single-port, mid-span, with 60 Watt 10/100/1000 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

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