

# AP-FXC-0100

## 1-Port Indoor FE PoE Extender

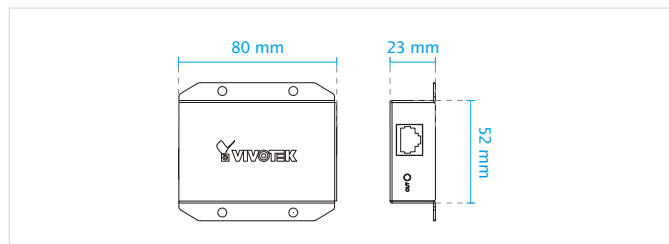


### Technical Specifications

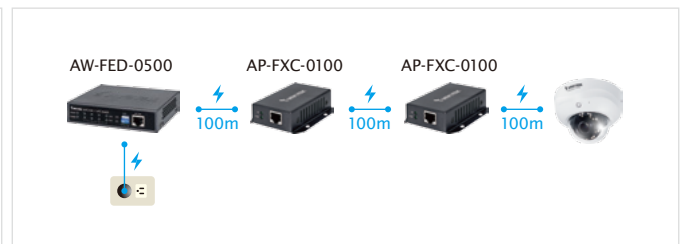
<b>Model</b>	AP-FXC-0100	<b>Filtering/Forwarding Rates</b>	
<b>PoE Extension</b>		10 Mbps	14,880 pps
Extension Distance	Max. 300 M (No Local Power Required)*	100 Mbps	148,000 pps
PoE Output	12-48 W	<b>Transmission Media</b>	
Bandwidth	Max. 100 Mbps	10Base T	Cat. 3, 4, 5 UTP/STP
<b>IP Camera Compatibility</b>		100Base TX	Cat. 5, 5e UTP/STP
Video Resolution	Megapixel/D1/VGA	<b>PoE Function</b>	
Video Compression	MJPEG/MPEG-4/H.264/H.265	PSE PoE Fast Ethernet (RJ45)	1
Compatible Camera List	VIVOTEK Network Cameras** (FD8381-EV, IB8381-E, FE8181/81V, FE8391 excluded)	PD PoE Fast Ethernet (RJ45)	1
<b>Ethernet</b>		Power over Ethernet Output Compatible 802.3at/af Passive	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 45-55VDC
Fast Ethernet (RJ45)	2	Power over Ethernet Input Compatible 802.3at/af Passive & Standard	Supports Alternatives Mode A or Mode B or Mode A+B Input Voltage: 46-57 VDC Max. Input Current: 0.7A/1.4A
<b>Standards</b>		<b>General</b>	
IEEE 802.3 10-BASE-T (Ethernet)	Supported	LED Indicators	Power, IN, OUT
IEEE 802.3u 100-BASE-TX (Fast Ethernet)	Supported	Dimensions	80 (L) x 52 (W) x 23 (H) mm
IEEE 802.3x Flow Control (Full-duplex Flow Control)	Supported	Weight	0.16 kg
IEEE 802.3af Power over Ethernet	Supported	Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
IEEE 802.3at Power over Ethernet Plus	Supported	Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
<b>Ethernet Performance</b>		Humidity	Operating: 10~90% (Non-condensing) Storage: 10~90% (Non-condensing)
MAC Address	2 K	Safety Certifications	CE, C-Tick, FCC, VCCI
Buffer Memory	48 KB	<b>Accessory</b>	
Transmission Method	Store and Forward	Included Accessories	QIG, Screw
Backplane	1.0 Gbps		
Auto-MDI/MDI-X, Auto-Negotiation	Supported		

\*Recommend to use AW-FED-0500, 4-port PoE switch, for 300 M extension distance  
\*\*Only IEEE 802.3af PoE Cameras

### Dimensions



### Application Diagram



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