

# AP-FXC-0250

## 2-Port Outdoor FE PoE Extender



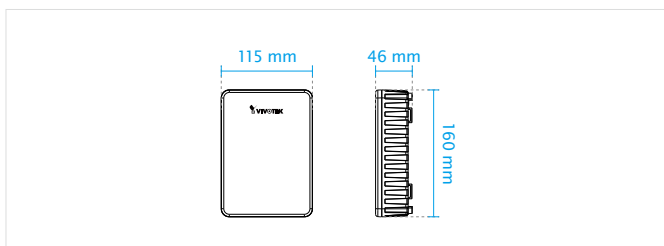
### Technical Specifications

Model	AP-FXC-0250
<b>PoE Extension</b>	
Extension Distance	Max. 300 M (No Local Power Required)*
PoE Output	12-48 W
Bandwidth	Max. 100 Mbps
<b>IP Camera Compatibility</b>	
Video Resolution	Megapixel/D1/VGA
Video Compression	MJPEG/MPEG-4/H.264/H.265
Compatible Camera List	VIVOTEK Network Cameras** (FD8381-EV, IB8381-E, FE8181/81V, FE8391 excluded)
<b>Ethernet</b>	
Fast Ethernet (RJ45)	3
<b>Standards</b>	
IEEE 802.3 10-BASE-T (Ethernet)	Supported
IEEE 802.3u 100-BASE-TX (Fast Ethernet)	Supported
IEEE 802.3x Flow Control (Full-duplex Flow Control)	Supported
IEEE 802.3af Power over Ethernet	Supported
IEEE 802.3at Power over Ethernet Plus	Supported
<b>Ethernet Performance</b>	
MAC Address	2 K
Buffer Memory	48 KB
Transmission Method	Store and Forward
Backplane	1.0 Gbps
Auto-MDI/MDI-X, Auto-Negotiation	Supported

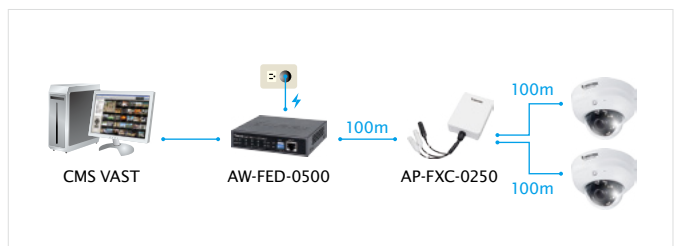
\*Recommend to use AW-FED-0500, 4-port PoE switch, for 300 M extension distance  
 \*\*Only IEEE 802.3af PoE Cameras

<b>Filtering/Forwarding Rates</b>	
10 Mbps	14,880 pps
100 Mbps	148,000 pps
<b>Transmission Media</b>	
10 Base T	Cat. 3, 4, 5 UTP/STP
100 Base TX	Cat. 5, 5E UTP/STP
It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.	
<b>PoE Function</b>	
PSE PoE Fast Ethernet (RJ45)	2
PD PoE Fast Ethernet (RJ45)	1
Power over Ethernet Output Compatible 802.3at/af Passive	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 45-55VDC
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>General</b>	
Casing	IP66
Dimensions	160 (L) x 115 (W) x 46 (H) mm
Weight	0.5 kg
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Humidity	Operating: 10~90% (Non-condensing) Storage: 10~90% (Non-condensing)
Safety Certifications	CE, C-Tick, FCC, VCCI
<b>Accessory</b>	
Included Accessories	QIG

### Dimensions



### Application Diagram



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