I36 Series

Gigabit 60W PoE Injector



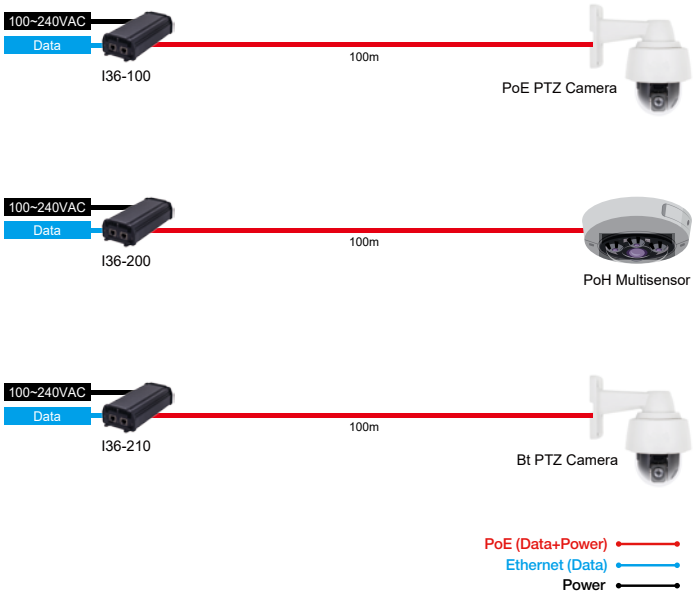
AC Power Surge Protection | Ethernet Surge Protection | 30W/60W PoE | Plug & Play | Internal Power | Gigabit

AETEK provides a full range of 60W PoE injectors to power variety of PDs and pass data over network cables remotely. Indoor 60W PoE middle-span PoE injector are available for specific PDs requiring high power consumption, such as IP speed dome cameras, PoE cameras or PoE camera housing equipped with blower, heater, illuminator and wiper.

Features

- Provide 60W of PoE Power Feeding on 4-pairs
- 12KV PoE surge protection
- Remote power feeding up to 100m
- IEEE 802.3 at compliant
- Automatic detection and protection of non–standard Ethernet terminals
- Supports 10/100/1000Base-T LAN environment
- Safe and reliable power to PoE cameras or WLAN access points
- Plug-and-Play installation

Applications



Technical Specifications - Hardware

	I36-100	I36-200	I36-210
Networking Specifications			
Gigabit Ethernet 10/100/1000Mbps (RJ45)	1	1	1
IEEE 802.3at Power over Ethernet	Support	Support	Support
60W PoE	Support	-	-
60W PoH	-	Support	-
60W Bt	-	-	Support
Power Specifications			
Input Voltage	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.
Output Power	54VDC, max. 60W	54VDC, max. 60W	54VDC, max. 60W
Power Pin Assignment	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)	1/2 (-), 3/6 (+); 4/5 (+), 7/8 (-)	1/2 (-), 3/6 (+); 4/5 (+), 7/8 (-)
Surge Protection Data / PoE Port	12KV	12KV	12KV
Surge Protection for AC Power	4KV	4KV	4KV
Mechanical Specifications			
Dimensions (WxHxD)	182 x 78.6 x 41.9 mm	182 x 78.6 x 41.9 mm	182 x 78.6 x 41.9 mm
LED Indicators	Power, PoE	Power, PoE	Power, PoE
Weight	0.58 kg (1.28 lb)	0.58 kg (1.28 lb)	0.58 kg (1.28 lb)
Environmental Specifications			
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing	10% to 90% non-condensing
Certifications			
EMC	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick
Safety	EN60950-1, IEC60950-1	EN60950-1, IEC60950-1	EN60950-1, IEC60950-1
Surge	IEC/EN 61000-4-5 Ed.2014+A1:2017	IEC/EN 61000-4-5 Ed.2014+A1:2017	IEC/EN 61000-4-5 Ed.2014+A1:2017

Ordering Information

PoE Injectors			
	**I36-100** • Indoor GbE 60W PoE Injector • 100~240VAC Input		**I36-200** • Indoor GbE 60W PoH PoE Injector • 100~240VAC Input
	**I36-210** • Indoor GbE 60W Bt PoE Injector • 100~240VAC Input		

All specifications are subject to change without notice. Copyright © AETEK INC. All rights reserved. Ver. 1
3F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C. T: +886-2-82452822 E:sales@aetektec.com W: www.aetektec.com