

bt Injector Series



I36-210-V2/I39-210-V2



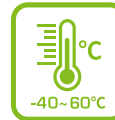
I46-210/I49-210



I69-210-V2



I69-216-V2



AETEK provides a full range of bt injectors to power variety of PDs and pass data over network cables remotely. Indoor/ outdoor bt 60W / 90W 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 (I36-210-V2, I39-210-V2)
- Provide 90W of PoE Power Feeding on 4-pairs (I46-210, I49-210, I69-210-V2, I69-216-V2)
- 6KV PoE surge protection
- AC power surge protection (I36-210-V2, I39-210-V2, I46-210, I49-210)
- Remote power feeding up to 100m
- IEEE 802.3 at/af 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



PoE (Data+Power) — Ethernet (Data) — Power —

Technical Specifications - Hardware

	I36-210-V2	I39-210-V2	I46-210	I49-210	I69-210-V2	I69-216-V2
Networking Specifications						
Gigabit Ethernet 10/100/1000Mbps (RJ45)	1	1	1	1	1	1
IEEE 802.3at Power over Ethernet	Support	Support	Support	Support	Support	Support
60W bt Power over Ethernet	Support	Support	Support	Support	Support	Support
90W bt Power over Ethernet	-	Support	-	Support	Support	Support
Power Specifications						
Input Voltage	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.	100VAC ~ 240VAC 280VAC 4hr. 300VAC 1min.	48~56VDC	12~56VDC
Output Power	54VDC, max. 60W	54VDC, max. 95W	54VDC, max. 60W	54VDC, max. 95W	Max. 90W	Max. 90W
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 (-)	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	6KV	6KV	6KV	6KV	6KV	6KV
Surge Protection for AC Power	4KV	4KV	10KV	10KV	-	-
Mechanical Specifications						
Dimensions (WxHxD)	182 x 78.6 x 41.9 mm	182 x 78.6 x 41.9 mm	255.2 x 199.9 x 90 mm	255.2 x 199.9 x 90 mm	100 X 81.5 X 30 mm	120 X 102 X 38.2 mm
LED Indicators	Power, PoE	Power, PoE	Power, PoE	Power, PoE	Power, PoE	Power, PoE
Weight	0.58 kg (1.28 lb)	0.58 kg (1.28 lb)	3 kg (6.61 lb)	3.35. kg (7.38 lb)	0.2 kg (0.44 lb)	0.3 kg (0.67 lb)
Environmental Specifications						
Weather Rating	-	-	IP67	IP67	-	-
Vandal Proof	-	-	IK10	IK10	-	-
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 75°C (-40°F ~ 167°F)	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing	10% to 90% non-condensing	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	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick
Safety	EN62368-1	EN62368-1	EN62368-1	EN62368-1	EN62368-1	EN62368-1

Ordering Information

bt Injectors					
	I36-210-V2 - Indoor GbE 60W bt PoE Injector 100~240VAC Input		I39-210-V2 - Indoor GbE 90W bt PoE Injector 100~240VAC Input		I46-210 - Outdoor GbE 60W bt PoE Injector 100~240VAC Input
	I49-210 - Outdoor GbE 90W bt PoE Injector 100~240VAC Input		I69-210-V2 - Outdoor GbE 90W bt PoE Injector 48~56VDC Input		I69-216-V2 - Outdoor GbE 90W bt PoE Injector 12~56VDC Input

Optional Accessories

Pole Mount Brackets		Corner Mount Bracket
 AT-100 Pole Mount Adapter	 AT-101 Pole Mount Adapter	 AT-200 Corner Mount Adapter