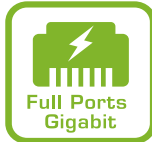


H36 Series

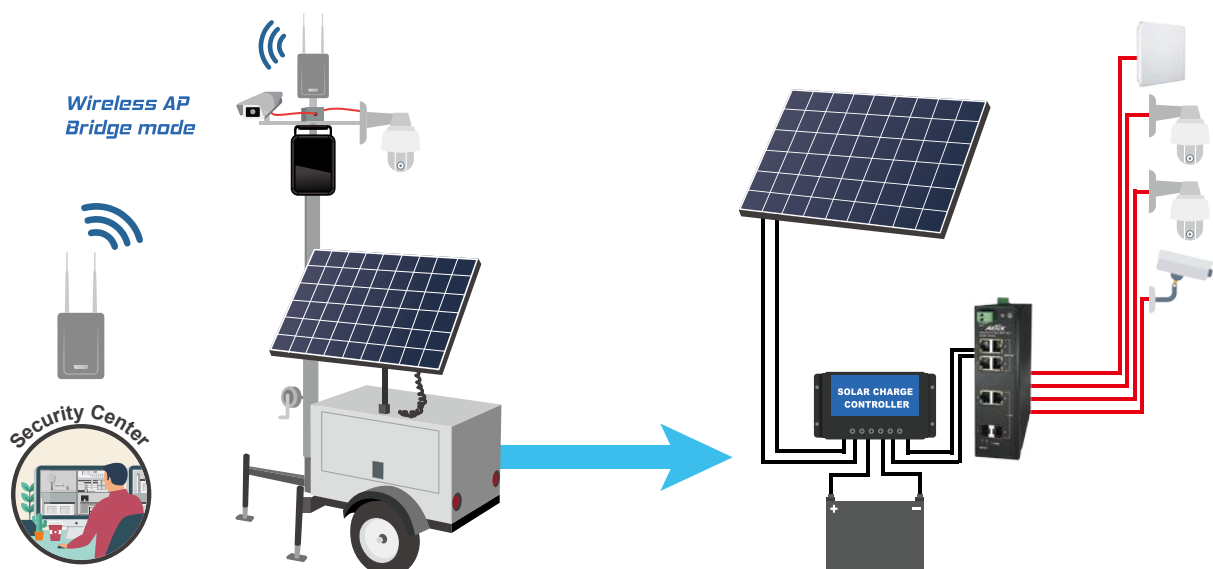
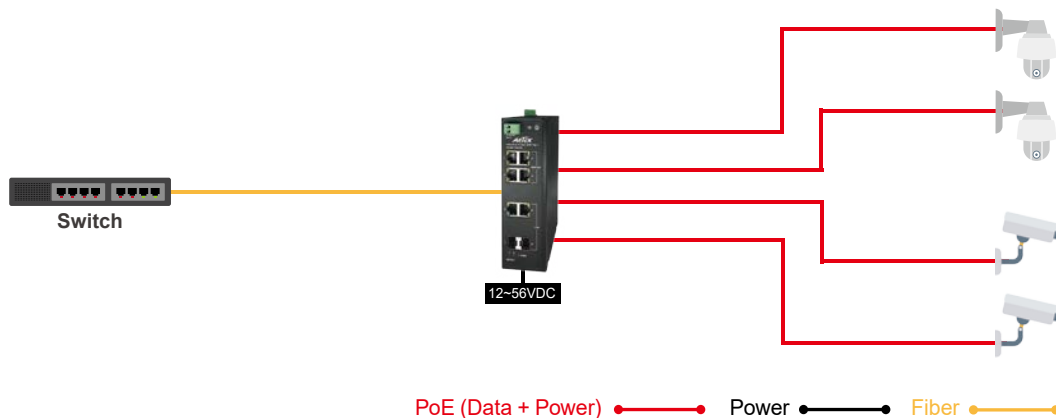
Industrial Gigabit PoE Switch w/ 12~56VDC Input



Features

- 12V~56VDC Input Power
- Flexible SFP transceiver port for uplink
- Operating temperature between -40°C and 75°C
- 30W PoE output (H36-082-30, H36-042-30)
- 30W / 60W / 95W PoE output (H36-044-90, H36-044-91)
- Supporting 10/100/1000Mbps data rates
- 12KV PoE surge protection
- IEEE 802.3az Energy Efficient Ethernet standard for green power

Applications



Specifications

	H36-042-30	H36-082-30	H36-044-90	H36-044-91
Networking Specifications				
Total Gigabit Ports	6	10	8	8
Gigabit Ports (RJ45)	1	-	2	2
SFP Slots (100M/1G)	1	2	2	2
Gigabit PoE Ports (10M/100M/1G)	-	8	4	4
30W IEEE802.3 at Power over Ethernet	support	support	support	support
90W IEEE802.3 bt Power over Ethernet	-	-	-	support
95W PoH Power over Ethernet	-	-	support	-
Forwarding Capacity	11.904Mpps	11.904Mpps	11.904Mpps	11.904Mpps
Mac Table	8K	8K	8K	8K
Jumbo Frames	9,216 Bytes	9,216 Bytes	9,216 Bytes	9,216 Bytes
Switching Capacity	12Gbps	20Gbps	16Gbps	16Gbps
Power Specifications				
Input Voltage	12V~56VDC	12V~56VDC	12V~56VDC	12V~56VDC
Output Voltage Range / port 1~port 4	56VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output	56VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output	56VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoH PoE (Max. 60W/95W) output	56VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoE++ IEEE802.3bt (Max. 60W/90W) output
PoE Power Budget	12VDC:75W 24VDC:120W 48VDC:120W	12VDC:80W 24VDC:160W 48VDC:240W	12VDC:100W 24VDC:200W 48VDC:380W	12VDC:100W 24VDC:200W 48VDC:360W
Surge Protection /each PoE Port	6KV	12KV	12KV	12KV
Mechanical Specifications				
Dimensions (WxHxD)	140 X 102 X 40 mm	170 x 133 x 50.2 mm	170 X 148 X 50.2 mm	170 X 148 X 50.2 mm
Weight	0.59kg (1.3 lb)	0.91kg (2 lb)	1kg (2.2 lb)	1kg (2.2 lb)
Connectors	RJ45x5, SFP Slotx1,Terminal block x2	RJ45 x 8, SFP x 2, Terminal Black x2	RJ45x6, SFP Slotx2,Terminal block x2	RJ45x6, SFP Slotx2,Terminal block x2
Installation	Din-Rail & Wall-Mount	Din-Rail & Wall-Mount	Din-Rail & Wall-Mount	Din-Rail & Wall-Mount
Environmental Specifications				
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)	-40°C~ 75°C (-40°F~ 167°F)	-40°C ~ 75°C (-40°F ~ 167°F)	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-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	5% ~ 95% non-condensing	5% ~ 95% non-condensing	5% ~ 95% non-condensing	5% ~ 95% non-condensing
Certifications				
EMC	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick
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	IEC/EN 61000-4-5 Ed.2014+A1:2017

Ordering Information

PoE Switches			
	H36-042-30 4xGbE PoE (30W) + 1xGbE SFP + 1xGbE RJ45 • 12V~56VDC		H36-082-30 8xGbE PoE (30W) + 2xGbE SFP • 12V~56VDC
	H36-044-90 4xGbE PoE (95W) + 2xGbE SFP + 2xGbE RJ45 • 12V~56VDC		H36-044-91 4xGbE PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 12V~56VDC

Optional Accessories

SFP Modules			
			
SFP-ISX-X5 Industrial Gigabit SFP Transceiver • MMF • 0.5 km • -40°C ~85°C	SFP-ISX-02 Industrial Gigabit SFP Transceiver • MMF • 2 km • -40°C ~85°C	SFP-ILX-10 Industrial Gigabit SFP Transceiver • SMF • 10 km • -40°C ~85°C	SFP-ILX-40 Industrial Gigabit SFP Transceiver • SMF • 40 km • -40°C ~85°C

Optional Accessories

Power Supply	
	NDR-120-48 Indoor Industrial Din Rail Power Supply, 48~55VDC/120W, -20°C ~ 70°C
	NDR-240-48 Indoor Industrial Din Rail Power Supply, 48~55VDC/240W, -20°C ~ 70°C