

H30 series

Harden-Graded Industrial Gigabit PoE Switches



H30-082-30



H30-044-30
H30-044-90
H30-044-91

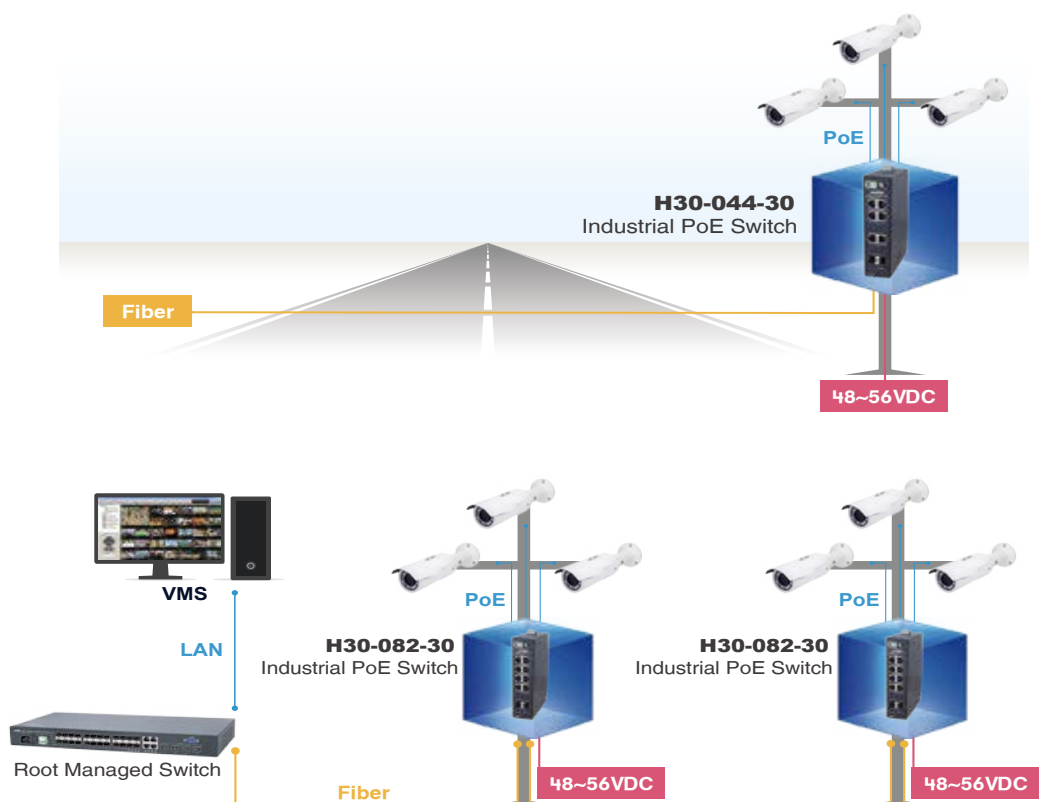


The H30 series of **Harden-Graded Industrial Unmanaged PoE Switches** are designed with IP30, 12KV PoE Ethernet port surge protection, and operation temperature between -40°C and 75°C during harsh weather conditions. Besides enabling connections of PoE af/at PDs, H30-044-90 / H30-044-91 is specially designed for latest PoE PoH/bt PoE(>25.5W) PDs such as IR PTZ cameras, multi-sensor cameras, and long range PoE applications. The H30 series provide multi-port Gigabit PoE (10M/100M/1G) delivering data and power to PoE PDs over a single network cable as well as additional SFP transceiver slots for flexible uplink. The H30 series has three sub-models classified as easy-to-install power source equipment (PSE) and provide power up to 30W/60W/90/95W per port.

Features

- 60W x4 or 95W x2 + 30W x2 (H30-044-90 only)
- 60W x4 or 90W x2 + 30W x2 (H30-044-91 only)
- 30W IEEE802.3at compliant
- 12KV surge protection on each PoE port
- Operating temperature between -40°C and 75°C
- Flexible SFP transceiver ports for uplink
- Supporting 10/100/1000Mbps data rates
- DIN-Rail mounting and wall mounting
- IP30 rating
- IEEE 802.3az Energy Efficient Ethernet standard for green power

PoE bt/Ultra PoE IR PTZ Camera Applications



Specifications





	H30-044-30	H30-082-30	H30-044-90	H30-044-91
Networking Specifications				
Total Gigabit Ports	8	10	8	8
Gigabit PoE Port (10M/100M/1G)	4 x 30W PoE	8 x 30W PoE	4x95W PoH PoE	4x 90W bt PoE
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	-
Gigabit SFP Slots	2	2	2	2
Gigabit Ports (RJ45)	2	-	2	2
Forwarding Capacity	11.904Mpps	14.88Mbps	11.904Mpps	11.904Mpps
Mac Table	4k	4k	4k	4k
Jumbo Frames	9,216 Bytes	9,216 Bytes	9,216 Bytes	9,216 Bytes
Switching Capacity	16 Gbps	20 Gbps	16 Gbps	16 Gbps
Power Specifications				
Power 1 : Input Voltage	48VDC ~ 56VDC	48VDC ~ 56VDC	54VDC ~ 56VDC	54VDC ~ 56VDC
Power 2 : Input Voltage	48VDC ~ 56VDC	48VDC ~ 56VDC	54VDC ~ 56VDC	54VDC ~ 56VDC
Output Voltage Range /per PoE Port	48~56 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output	48~56 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output	54~56 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoH PoE (Max.60W/95W) output	54~56 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output bt PoE (Max.60W/90W) output
PoE Power Budget	120W	240W	240W	240W
Surge Protection /each PoE Port	12KV	12KV	12KV	12KV
Mechanical Specifications				
Dimensions (L x W x H)	171.6 x 39 x 132 mm	171.6 x 39 x 132 mm	171.6 x 39 x 147 mm	171.6 x 39 x 147 mm
Weight	0.8KG	0.8KG	0.9KG	0.9KG
Connectors	RJ45 x 6, SFP x 2, Terminal Black x2	RJ45 x 8, SFP x 2, Terminal Black x2	RJ45 x 8, SFP x 2, Terminal Black x2	RJ45 x 8, SFP x 2, Terminal Black x2
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
Safety	EN60950-1, IEC60950-1	EN60950-1, IEC60950-1	EN60950-1, IEC60950-1	EN60950-1, IEC60950-1
Surge	EN61000-4-5	EN61000-4-5	EN61000-4-5	EN61000-4-5

Ordering Information

PoE Switches			
	H30-044-30 <ul style="list-style-type: none"> 4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45 		H30-082-30 <ul style="list-style-type: none"> 8xGbE 30W PoE + 2xGbE SFP
	H30-044-90 <ul style="list-style-type: none"> 4x95W PoH PoE + 2xGbE SFP + 2xGbE RJ45 		H30-044-91 <ul style="list-style-type: none"> 4x 90W bt PoE + 2xGbE SFP + 2xGbE RJ45

Optional Accessories

SFP Modules

SFP Modules			
	SFP-ISX-X5 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> MMF 0.5 km -40°C ~85°C 		SFP-ISX-02 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> MMF 2 km -40°C ~85°C
	SFP-ILX-10 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> SMF 10 km -40°C ~85°C 		SFP-ILX-40 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> SMF 40 km -40°C ~85°C




Power Supplies

Din Rail Power Supply		Outdoor IP67 Power Supply
 <p>NDR-120-48</p> <ul style="list-style-type: none"> • 100-240VAC input • 120W / 48-55VDC output 	 <p>NDR-240-48</p> <ul style="list-style-type: none"> • 100-240VAC input • 240W / 48-56VDC output 	 <p>HLG-240H-54</p> <ul style="list-style-type: none"> • Outdoor Industrial Power Supply • 54VDC/240W

Outdoor Cabinet

Cabinet Housing
 <p>JB-200</p> <ul style="list-style-type: none"> • IP67, IK10 • M16x4 pcs, M25 x2pcs

Cabinet Brackets

Pole Mount Brackets		Corner Mount Bracket
 <p>AT-100 Pole Mount Adapter</p>	 <p>AT-101 Pole Mount Adapter</p>	 <p>AT-200 Corner Mount Adapter</p>