



## Specifications

	H36-042-30	H36-082-30	H36-044-90	H36-044-91
<b>Networking Specifications</b>				
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
<b>Power Specifications</b>				
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:80W 24VDC:160W 48VDC:240W	12VDC:80W 24VDC:160W 48VDC:240W
Surge Protection /each PoE Port	6KV	12KV	12KV	12KV
<b>Mechanical Specifications</b>				
Dimensions (WxHxD)	140 X 102 X 40 mm	171.6 x 132 x 39 mm	170 X 147.9 X 50.2 mm	170 X 147.9 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 Block 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
<b>Environmental Specifications</b>				
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
<b>Certifications</b>				
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			
	<b>H36-042-30</b> 4xGbE PoE (30W) + 1xGbE SFP + 1xGbE RJ45 • 12V~56VDC		<b>H36-082-30</b> 8xGbE PoE (30W) + 2xGbE SFP • 12V~56VDC
	<b>H36-044-90</b> 4xGbE PoE (95W) + 2xGbE SFP + 2xGbE RJ45 • 12V~56VDC		<b>H36-044-91</b> 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