

D40 series

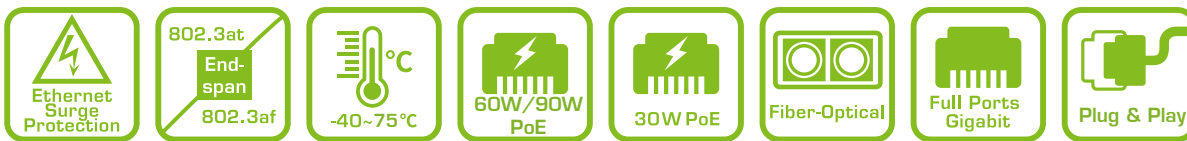
Industrial Gigabit PoE Switches



D40-082-30



D40-044-30
D40-044-91



The D40 series of **Harden-Graded Industrial Unmanaged PoE Switches** are designed with IP30, 6KV PoE Ethernet port surge protection, and operation temperature between -40°C and 75°C during harsh weather conditions.

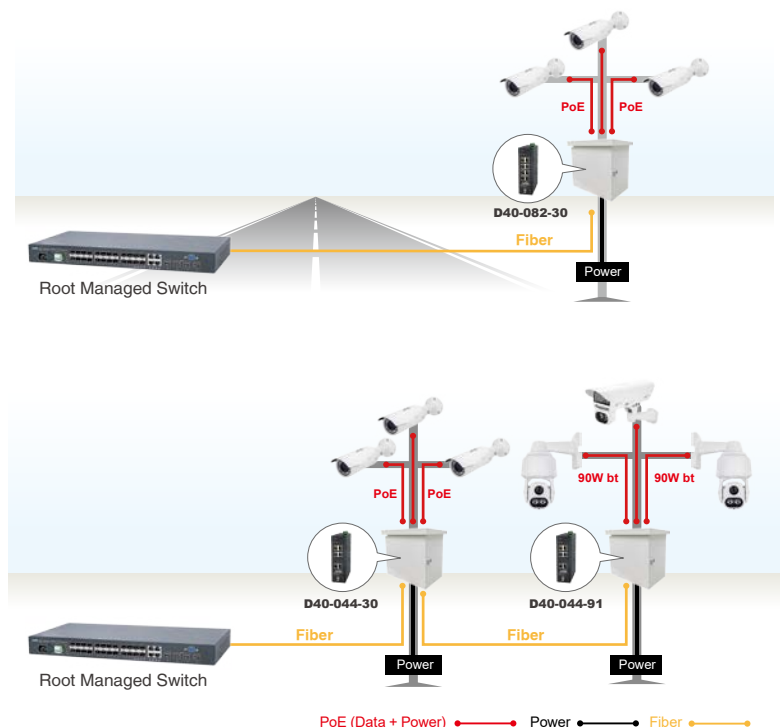
Besides enabling connections of PoE af/at PDs, D40-044-91 is specially designed for latest PoE bt PoE(>25.5W) PDs such as IR PTZ cameras, multi-sensor cameras, and long range PoE applications.

The D40 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 D40 series has three sub-models classified as easy-to-install power source equipment (PSE) and provide power up to 30W/60W/90W per port.

Features

- 30W per port IEEE802.3at compliant (D40-044-30, D40-082-30)
- IEEE 802.3bt 90W bt PoE (D40-044-91)
- 6KV 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/PoH PoE IR PTZ Camera Applications







Specifications

	D40-044-30	D40-082-30	D40-044-91
Networking Specifications			
Total Gigabit Ports	8	10	8
Gigabit PoE Port (10M/100M/1G)	4 x 30W PoE	8 x 30W PoE	4x 90W bt PoE
30W IEEE802.3 at Power over Ethernet	Support	Support	Support
90W IEEE802.3 bt Power over Ethernet	-	-	Support
Gigabit SFP Slots	2	2	2
Gigabit Ports (RJ45)	2	-	2
Forwarding Capacity	11.904Mpps	14.88Mpps	11.904Mpps
Mac Table	4k	4k	4k
Jumbo Frames	9,216 Bytes	9,216 Bytes	9,216 Bytes
Switching Capacity	16 Gbps	20 Gbps	16 Gbps
Power Specifications			
Power 1 : Input Voltage	48VDC ~ 56VDC	48VDC ~ 56VDC	54VDC ~ 56VDC
Power 2 : Input Voltage	48VDC ~ 56VDC	48VDC ~ 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 bt PoE (Max.60W/90W) output
PoE Power Budget	120W	240W	360W
Surge Protection /each PoE Port	6KV	6KV	6KV
Mechanical Specifications			
Dimensions (DxWxH)	122 x 43.5 x 150 mm	122 x 43.5 x 150 mm	122 x 43.5 x 150 mm
Weight	0.8KG	0.8KG	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
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)
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)
Operating Humidity	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
Safety	EN62368-1	EN62368-1	EN62368-1
Surge	EN61000-4-5	EN61000-4-5	EN61000-4-5





Ordering Information

PoE Switches					
	D40-044-30 • 4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45		D40-082-30 • 8xGbE 30W PoE + 2xGbE SFP		D40-044-91 • 4x 90W bt PoE + 2xGbE SFP + 2xGbE RJ45

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




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>NDR-480-48</p> <ul style="list-style-type: none"> • 100~240VAC input • 480W / 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>