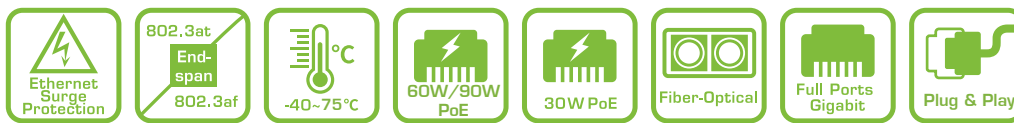


D40-DC series

Industrial Gigabit PoE Switches w/ 12~56VDC Input



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.

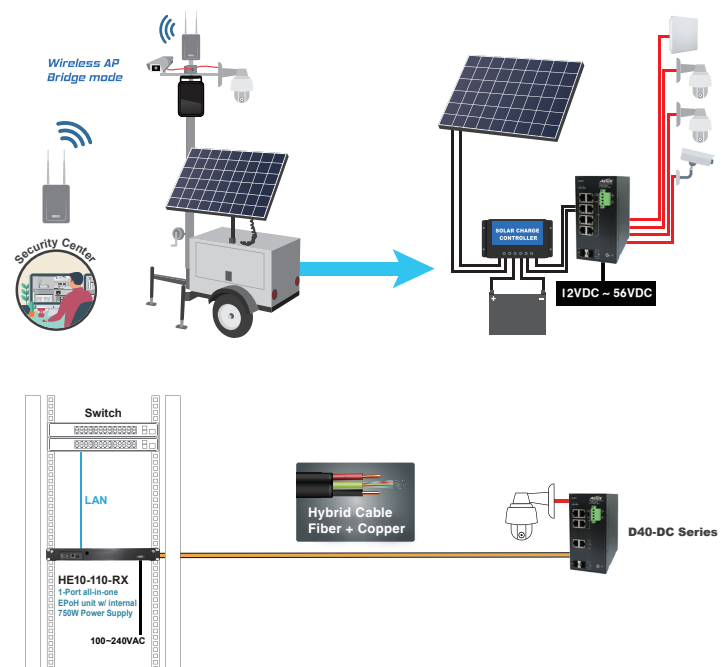
Besides enabling connections of PoE af/at PDs, D40-044-91-DC is specially designed for latest PoE bt PoE(>25.5W) PDs such as IR PTZ cameras, multi-sensor cameras, and long range PoE applications.

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-DC / D40-082-30-DC)
- IEEE 802.3 bt 90W PoE (D40-044-91-DC)
- 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-DC	D40-044-91-DC	D40-082-30-DC
Networking Specifications			
Total Gigabit Ports	8	8	10
Gigabit PoE Port (10M/100M/1G)	4 x 30W PoE	4x 90W bt PoE	8 x 30W 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	11.904Mpps	14.88Mpps
Mac Table	4k	4k	4k
Jumbo Frames	9,216 Bytes	9,216 Bytes	9,216 Bytes
Switching Capacity	16 Gbps	16 Gbps	20 Gbps
Power Specifications			
Power 1 : Input Voltage	12VDC ~ 56VDC	12VDC ~ 56VDC	12VDC ~ 56VDC
Power 2 : Input Voltage	12VDC ~ 56VDC	12VDC ~ 56VDC	12VDC ~ 56VDC
Output Voltage Range / per PoE Port	48~56 VDC PoE 802.3af (15.4W)output PoE+ 802.3at (30W) output	54~56 VDC PoE 802.3af (15.4W)output PoE+ 802.3at (30W) output PoE++ 802.3bt (90W) output	48~56 VDC PoE 802.3af (15.4W)output PoE+ 802.3at (30W) output
PSE Power Pin Assignment	12(-),36(+)	12(-),36(+),45(+),78(-)	12(-),36(+)
Switch power consumption (without PoE)	5W	5W	5W
PoE Power Budget	12VDC:90W 24VDC:120W 48VDC:120W	12VDC:90W 24VDC:160W 48VDC:360W	12VDC:90W 24VDC:160W 48VDC:240W
Surge Protection /each PoE Port	6KV	6KV	6KV
Mechanical Specifications			
Dimensions (L x W x H)	72 x 122 x 150 mm	72 x 122 x 150 mm	72 x 122 x 150 mm
Weight	0.75KG	0.84KG	0.765KG
Connectors	RJ45 x 6, SFP x 2, Terminal Black x2	RJ45 x 6, 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

	D40-044-30-DC <ul style="list-style-type: none">4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ4512~56VDC Input		D40-082-30-DC <ul style="list-style-type: none">8xGbE 30W PoE + 2xGbE SFP12~56VDC Input		D40-044-91-DC <ul style="list-style-type: none">4x90W bt PoE + 2xGbE SFP + 2xGbE RJ4512~56VDC Input
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Optional Accessories

SFP Modules			
			
SFP-ISX-X5 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none">MMF0.5 km-40°C ~85°C	SFP-ISX-02 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none">MMF2 km-40°C ~85°C	SFP-ILX-10 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none">SMF10 km-40°C ~85°C	SFP-ILX-40 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none">SMF40 km-40°C ~85°C

Power Supplies

Industrial 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	NDR-480-48 Indoor Industrial Din Rail Power Supply, 48~55VDC/480W, -20°C ~ 70°C



Industrial Power Supply		
		
DRL-48V120W1EN Indoor Industrial Din Rail Power Supply, 48V/120W	DRL-48V240W1EN Indoor Industrial Din Rail Power Supply, 48V/240W	DRL-48V480W1EN Indoor Industrial Din Rail Power Supply, 48V/480W

Outdoor Cabinet

Cabinet Housing

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

Cabinet Brackets

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

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