

D40-DC series

Industrial Gigabit PoE Switches
w/ 12~56V DC Input



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

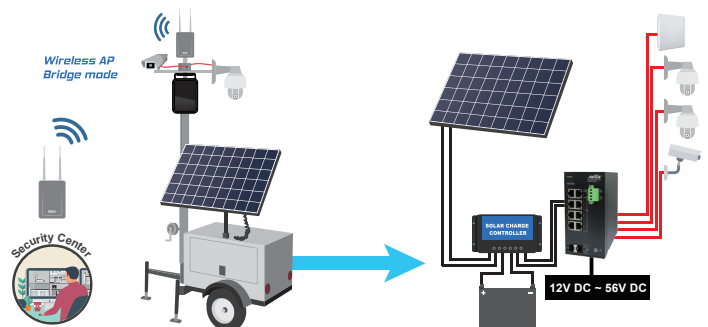
Besides enabling connections of PoE af/at PDs, D40-044-91-DC is specially designed for latest PoE bt PoE(>25.5W) PDs such as IR PTZ cameras, multi-sensor cameras, and long range PoE applications.

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 (D40-082-30-DC)
- IEEE 802.3 bt 90W PoE (D40-044-91-DC)
- 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

	D40-044-91-DC	D40-082-30-DC
Networking Specifications		
Total Gigabit Ports	8	10
Gigabit PoE Port (10M/100M/1G)	4x 90W bt PoE	8 x 30W PoE
30W IEEE802.3 at Power over Ethernet	Support	Support
90W IEEE802.3 bt Power over Ethernet	Support	-
Gigabit SFP Slots	2	2
Gigabit Ports (RJ45)	2	-
Forwarding Capacity	11.904Mpps	14.88Mpps
Mac Table	4k	4k
Jumbo Frames	9,216 Bytes	9,216 Bytes
Switching Capacity	16 Gbps	20 Gbps
Power Specifications		
Power 1 : Input Voltage	12V DC ~ 56V DC	12V DC ~ 56V DC
Power 2 : Input Voltage	12V DC ~ 56V DC	12V DC ~ 56V DC
Output Voltage Range / per PoE Port	54~56V DC PoE 802.3af (15.4W)output PoE+ 802.3at (30W) output PoE++ 802.3bt (90W) output	54~56V DC PoE 802.3af (15.4W)output PoE+ 802.3at (30W) output
PSE Power Pin Assignment	12(-),36(+),45(+),78(-)	12(+), 36(-)
Switch power consumption (without PoE)	3W	3W
PoE Power Budget	12V DC:90W 24V DC:160W 48V DC:360W	12V DC:90W 24V DC:160W 48V DC:240W
Mechanical Specifications		
Dimensions (L x W x H)	72 x 122 x 150 mm	72 x 122 x 150 mm
Weight	0.84KG	0.765KG
Connectors	RJ45 x 6, SFP x 2, Terminal Block x2	RJ45 x 8, SFP x 2, Terminal Block x2
Environmental Specifications		
Operating Temperature	-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)
Operating Humidity	5% ~ 95% non-condensing	5% ~ 95% non-condensing
Certifications		
EMC	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick
Safety	EN62368-1	EN62368-1

Ordering Information

	<p>D40-044-91-DC</p> <ul style="list-style-type: none"> • 4x90W bt PoE + 2xGbE SFP + 2xGbE RJ45 • 12~56V DC Input 		<p>D40-082-30-DC</p> <ul style="list-style-type: none"> • 8xGbE 30W PoE + 2xGbE SFP • 12~56V DC Input
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Optional Accessories

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

Power Supplies

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

- IP67, IK10
- M16x4 pcs, M25 x2pcs

Cabinet Brackets

Pole Mount Brackets



AT-100

Pole Mount Adapter



AT-101

Pole Mount Adapter

Corner Mount Bracket



AT-200

Corner Mount Adapter