



DY-HI8042CF-12

Solar Series - works with 12 / 24 / 48 Volts Input
6 Port Gigabit PoE+ Industrial Ethernet Switch

4 x 10/100/1000 Mbps TX - RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 30 Watts
1 x 100/1000 Mbps TX - RJ45 / SFP Slot Combo Port
1 x 100/1000 Mbps SFP Slot

Operating Temperature: -40 ~ +85 C
NEMA TS-2 / UL Class 1 Division 2 / RoHS
MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology - Patent Pending
American Certified Ethernet
Warranty - 5 Years

"Best in Class Industrial PoE+"

Layer 3 Router & 10 Gigabit Backbone



DY-9000RGSP 4 x 10 Gigabit Layer 3

Introducing the DYMEC DY-9000RGSP - 28 Port, Layer 3 Router, with 4 X 10 Gigabit - SFP+ Ports, RIP, OSPF, Multicast & IPv6

Built for FirstNet Networks, Fire & Safety Networks and Municipal Public Networks looking to reduce costs and increase services.

- * 28 Port Modular Design
- * Redundant Power Supply
- * 4 x 10 Gigabit SFP Fiber Ports
- * 24 x Gigabit Copper or SFP Slots
- * Fanless - Convection Cooled
- * LTE Safety Band Module
- * Layer 3 Network Routing
- * Full MultiCast Support
- * IPv4 Routing Protocols: OSPFv2 / RIPv2
- * IPv6 Routing Protocols: RIPv6 / OSPFv3
- * Supports VRRP & MRP (Media Redundancy Protocol)
- * Supports ModBus TCP
- * Temperature Hardened: -40 ~ +85 C
- * Small Physical Footprint - fits most cabinets (1 RU)
- * Public Safety Network Secure Design
- * Supports KY-1-Button for Easy Maintenance

DYMEC is a Registered Trademark of K-USA

DYMEC - American Industrial

DYMEC.com

DYMEC BLACK Series Power Over Ethernet + + (30 / 60 & 95 Watt) Industrial Ethernet SCADA Switches - Certified "Buy America" UL - Class 1 Division 2



Military Grade - Public Safety

www.DYMEC.com DYMECDIRECT.com

DYMEC - American Industrial

Plug & Play, Military Grade, Industrial PoE++ Ethernet



DY-H8042F-60W

Power 48 ~ 56 Volts DC Input
6 Port Gigabit Ethernet PoE++
Industrial Ethernet Switch

4 x 10/100/1000 TX -RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 60 WATTS
1 x 100/1000 Mbps SC Multi-mode
Fiber Optic Port - 2Km

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty



DY-HI8011-60W

Power 48 ~ 56 Volts DC Input
2 Port Gigabit PoE++ Injector
Industrial Ethernet with Select Mode

1 x 10/100/1000 TX - RJ45 PSE Port
IEEE 802.3af/at PoE+ - 30 / 60 Watt
1 x 10/100/1000 TX - RJ45 Up Link
Small Form Factor - Palm Size

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty



DY-G8042TF-12

Power 12 / 24 / 48 Volts DC Input
5 Port Fast Ethernet PoE+
Industrial Ethernet Switch

4 x 10/100 TX - RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 30 Watts
1 x 100/1000 Mbps TX-SFP Combo Port
Fiber Optic Port - SFP Slot

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty



DY-D7042SC-30

Power 48 ~ 56 Volts DC Input
6 Port Fast Ethernet PoE+
Industrial Ethernet Switch

4 x 10/100 TX - RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 30 Watts
2 x 100/1000 Mbps SC Single-mode
Fiber Optic Port - 30Km

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty

DYMEC Black Series - Unmanaged

American Certified Ethernet - "Best in Class"



DY-G8041C

Power 48 ~ 56 Volts DC Input
5 Port Gigabit PoE+
Industrial Ethernet Switch

4 x 10/100/1000 TX - RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 30 Watts
1 x 100/1000 Mbps TX - RJ45 / SFP
Slot Combo Port

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty



DY-G8080

Power 48 ~ 56 Volts DC Input
8 Port Gigabit PoE+
Industrial Ethernet Switch

8 x 10/100/1000 TX - RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 30 Watts

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty



DY-66011SFP

Mini Media Converter
Industrial - SCADA

DY-D7041T

Power 48 ~ 56 Volts DC Input
5 Port Fast Ethernet PoE+
Industrial Ethernet Switch

4 x 10/100 TX - RJ45 PSE Ports
IEEE 802.3af/at PoE+ - 30 Watts
1 x 10/100 Mbps TX RJ45

Operating Temperature: -40 ~ +85 C

Certified: NEMA TS-2 / IEEE / RoHS

UL Class 1 Division 2

MTBF Hours: 510, 304
Military Grade Aluminum Housing
Cooling Diffusion Technology -
Patent Pending
American Certified Ethernet
Limited Lifetime Warranty



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DYMEC.com
DYMECDIRECT.com

Small Form Pluggable (SFP) Optical Devices

DYMEC offers a full line of SFP optical devices for all our products. The use of SFP's allow you to easily configure and reconfigure your product as requirements change. You may choose the specific fiber type and application that meets the needs of your installation. SFP's are available in 3 types: 1. Single-Mode, 2. Multi-mode and 3. Copper RJ45. We support single-mode fiber, multi-mode fiber and plastic fiber. We also have temperature-rated multi-mode fiber SFP's (-40 ~ 85 Degrees C). Distances supported range from 500 Meters to 120 Kilometers. 10 Gigabit and Cisco Compatible SFP's are also available.

