

# Networking Evolved: Moxa EDS-4000/G4000 Series Industrial Ethernet Switches

Trusted security with a design that futureproofs your industrial networking applications



## Secure Network Connectivity

- The World's 1st Networking Devices Certified by IEC 62443
- Hardened devices with embedded security functions



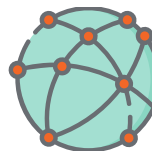
## Robust Design for Harsh Environments

- Multiple certifications for railway, marine, power, ITS, and similar applications
- Robust power design including isolated redundant power inputs



## Easy Management and Maintenance

- The intuitive interface of MX-NOS and MXview simplifies network operations
- Modular power design simplifies installation and maintenance



## High-performance Capabilities

- 2.5 GbE bandwidth for highly efficient Ethernet networks
- 90 Watts IEEE 802.3bt PoE enables power-intensive applications
- Intelligently integrated with smart fiber/PoE management features for remote diagnostics

# PRODUCT AT A GLANCE

## PoE Models Spec Intro\*

### Gigabit (GE) Ports

10/100/1000BaseT(X) ports,  
Port 1 to 8 (RJ45Connector)

1000BaseT(X) LED indicator

10/100BaseT(X) LED indicator



### 2.5G Gigabit (GE) SFP Ports

100/1000/2500BaseSFP port, QG1 to QG4

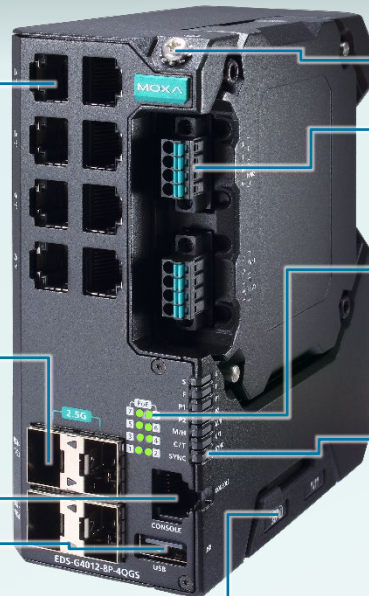
### Console Port (RJ45, RS-232)

### USB Storage Port (Type-A)\*\*

ABC-02, For system backup and restoration

### microSD Card

For system backup and restoration



### Grounding Connector Screw

### Terminal Block

For power input, digital input,  
and relay output

### SmartPoE LED indicator of PoE ports

### LED Indicators

LED indicators:

STATE (S)

FAULT (F)

PWR1 (P1)

PWR2(P2)

MSTR/HEAD (M/H)

CPLR/TAIL (C/T)

SYNC\*\*

\*EDS-G4012-8P-4QGS as an example

\*\* Features will be released later

# EDS-4000/G4000 Series Overview

## Model Configuration of EDS-4000/G4000 Series



### EDS-4008 Series

#### [FE models]

EDS-4008-LV

EDS-4008-LV-T

EDS-4008-HV

EDS-4008-HV-T

EDS-4008-2MSC-LV

EDS-4008-2MSC-LV-T

EDS-4008-2MSC-HV

EDS-4008-2MSC-HV-T

EDS-4008-2MST-LV

EDS-4008-2MST-LV-T

EDS-4008-2MST-HV

EDS-4008-2MST-HV-T

EDS-4008-2SSC-LV

EDS-4008-2SSC-LV-T

EDS-4008-2SSC-HV

EDS-4008-2SSC-HV-T

#### [FE+GE models]

EDS-4008-2GT-2GS-LV

EDS-4008-2GT-2GS-LV-T

EDS-4008-2GT-2GS-HV

EDS-4008-2GT-2GS-HV-T

#### [PoE models]

EDS-4008-4P-2GT-2GS-LVA

EDS-4008-4P-2GT-2GS-LVA-T

EDS-4008-4P-2GT-2GS-LVB

EDS-4008-4P-2GT-2GS-LVB-T

### EDS-4009 Series

EDS-4009-3MSC-LV

EDS-4009-3MSC-LV-T

EDS-4009-3MSC-HV

EDS-4009-3MSC-HV-T

EDS-4009-3MST-LV

EDS-4009-3MST-LV-T

EDS-4009-3MST-HV

EDS-4009-3MST-HV-T

EDS-4009-3SSC-LV

EDS-4009-3SSC-LV-T

EDS-4009-3SSC-HV

EDS-4009-3SSC-HV-T

### EDS-4012 Series

#### [FE+GE models]

EDS-4012-4GS-LV

EDS-4012-4GS-LV-T

EDS-4012-4GS-HV

EDS-4012-4GS-HV-T

EDS-4012-4GC-LV

EDS-4012-4GC-LV-T

EDS-4012-4GC-HV

EDS-4012-4GC-HV-T

#### [PoE models]

EDS-4012-8P-4GS-LVA

EDS-4012-8P-4GS-LVA-T

EDS-4012-8P-4GS-LVB

EDS-4012-8P-4GS-LVB-T

### EDS-4014 Series

EDS-4014-4GS-2QGS-LV

EDS-4014-4GS-2QGS-LV-T

EDS-4014-4GS-2QGS-HV

EDS-4014-4GS-2QGS-HV-T



### EDS-G4008 Series

EDS-G4008-LV

EDS-G4008-LV-T

EDS-G4008-HV

EDS-G4008-HV-T

### EDS-G4012 Series

#### [GE models]

EDS-G4012-4GC-LV

EDS-G4012-4GC-LV-T

EDS-G4012-4GC-HV

EDS-G4012-4GC-HV-T

#### [PoE Models]

EDS-G4012-8P-4QGS-LVA

EDS-G4012-8P-4QGS-LVA-T

EDS-G4012-8P-4QGS-LVB

EDS-G4012-8P-4QGS-LVB-T

### EDS-G4014 Series

EDS-G4014-6QGS-LV

EDS-G4014-6QGS-LV-T

EDS-G4014-6QGS-HV

EDS-G4014-6QGS-HV-T

### 7 Series from 8 to 14 ports

### 68 models with up to six 2.5G SFP slots

#### Note:

- HV: 110/220 VDC/VAC
- LV: 12/24/48 VDC