



Features and Benefits

- **Ruggedized high-speed network switches**
- **Support for up to 1Gbe & 10Gb SFP+**
- **Console port with Command Line Interface**
- **Zeroize button**
- **Compatible with all M3-SE modules**
- **Pass-through connector for chassis-less & cable-less stacking**
- **Available in black and desert tan**
- **Backed by Cubic's world class warranty**

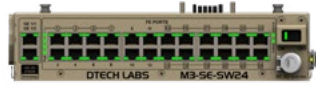
M3-SE Network Switches

The M3-SE modular switch family delivers trusted network switching functionality at speeds up to 10Gb to support applications that require high levels of data throughput. Developed in partnership with established leaders in switching technologies, including Cisco, the M3-SE switch family offers a low SWaP connectivity solution suitable for a wide range of missions.

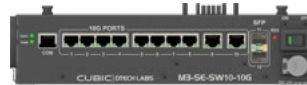
Several models are available with features including PoE, SFP+ ports, console ports, and Zeroize buttons. These high-performance switches are designed to meet MIL-STD's and are built for use in extreme environments, operating in temperatures as low as -10c.

Benefiting from the popular M3-SE modular design, the M3-SE switch family shares the same form factor and pass-through power connectors, allowing users to upgrade their current M3-SE server and network deployments with minimal changes to system design. This modular approach delivers excellent flexibility, as users can easily add networking capabilities based on mission requirements without the need to replace existing networking or compute hardware.

Specifications



| Module | M3-SE-SW8 | M3-SE-SW24 | M3-SE-SW24-SFP |
|---------------------------------|---------------------------------------|---|--|
| Processor Type | | | |
| Processor | Cisco ESS-2020 | Cisco ESS-2020 | Cisco ESS-2020 |
| Interfaces | | | |
| PoE | 50W | 50W plus 100W with extra DC in | 50W plus 100W with extra DC in |
| Number of Ports | 8 x FE Ports (4-PoE+) 2 x GE Ports | 4 x FE Ports (4-PoE+) 12 x POE with extra DC 2 x GE Ports | 4 x FE Ports (4-PoE+) 12 x POE with extra DC 8 x FE Ports 2 x SFP 1Gb Ports |
| Ancillary | 1 x Console Port 1 x DC I/O Port | 1 x Console Port 1 x DC I/O Port 1 x DC Port for Additional POE Power | 1 x Console Port 1 x DC I/O Port 1 x DC Port for Additional POE Power |
| Power Specifications | | | |
| Power Consumption | 9.2 W min. / 11.5 W max. without PoE | 16.4 W min. / 17.9 W max. without PoE | 16.4 W min. / 17.9 W max. without PoE |
| Power Input | 10-30 VDC | 10-30 VDC | 10-30 VDC |
| Physical Specifications | | | |
| Length (in / cm) | 5.06 / 12.85 | 5.06 / 12.85 | 5.06 / 12.85 |
| Width (in / cm) | 10.25 / 26.04 | 10.25 / 26.04 | 10.25 / 26.04 |
| Height (in / cm) | 1.76 / 4.45 | 2.76 / 6.99 | 2.76 / 6.99 |
| Weight (lbs / kgs) | 2.2 / 1.0 | 3.4 / 1.54 | 3.4 / 1.54 |
| Storage (°C) | -20c to 70c | -20c to 70c | -20c to 70c |
| Operating Temperature (°C) | 0c to 60c | 0c to 60c | 0c to 60c |
| Certifications | | | |
| Designed to Meet Certifications | MIL-STD810G, MIL-STD-461F | MIL-STD810G, MIL-STD-461F | MIL-STD810G, MIL-STD-461F |



| Module | M3-SE-SW24G | M3-SE-SW10-10G |
|---------------------------------|---|-------------------------------------|
| Processor Type | | |
| Processor | Cisco ESS-3300 | ARM v7 |
| Interfaces | | |
| PoE | 100 W 400 W with a M3-SE-POE module added to the stack | Non-PoE |
| Number of Ports | 24 x GE Ports (PoE+) 2 x SFP+ Ports | 10 x 10GE Ports 2 x SFP+ Ports |
| Ancillary | 1 x Console Port 1 x Micro USB Console Port 1 x DC In | 1 x Console Port 1 x DC I/O Port |
| Power Specifications | | |
| Power Consumption | 15 W min. / 30 W max. without PoE | 20 W min. / 63 W max. without PoE |
| Power Input | 10-30 VDC | 10-30 VDC |
| Physical Specifications | | |
| Length (in / cm) | 5.06 / 12.85 | 5.06 / 12.85 |
| Width (in / cm) | 10.25 / 26.04 | 10.25 / 26.04 |
| Height (in / cm) | 2.76 / 6.99 | 2.76 / 6.99 |
| Weight (lbs / kgs) | 3.4 / 1.54 | 2.60 / 1.18 |
| Storage (°C) | -40c to +70c | -20c to 70c |
| Operating Temperature (°C) | -10c to 60c | 0c to 60c |
| Certifications | | |
| Designed to Meet Certifications | CE, RoHS, MIL-STD810G, MIL-STD-461F, DoDIN APL | CE, RoHS, MIL-STD810G, MIL-STD-461F |