

SUB-U Cisco ESS3300 EC

Cisco ESS 3300 Ethernet Switch

The SUB-U Systems Cisco Embedded Service

Switch 3300 EC (ESS3300 EC) Ethernet switch is part of the SUB-U Executive Communications product family, providing high performance Ethernet switching capabilities in a small and robust device for use anywhere and anytime, even in the most austere of locations. The SUB-U ESS3300 EC's level of ruggedization is ideal for use



in industrial or military applications that demand extreme temperature, shock, vibration and high MTBF support. The SUB-U ESS3300 EC offers two (2) ports of 10 Gigabit Ethernet and eight (8) ports of gigabit Ethernet, and runs Cisco's IOS XE operating system. Cisco's IOS XE offers the familiar Cisco CLI and web-based GUI configuration, and supports the security, management, resiliency and switching features users have come to expect from Cisco. The SUB-U ESS3300 EC has support for Power over Ethernet (PoE / 802.3at), providing enough PoE for VoIP telephones, VTC devices and IP cameras that may require up to 30 watts of power. The SUB-U ESS3300 EC switch is a Layer 2 switch, and also has support for some Layer 3 routing technologies when licensed with Cisco Network Advantage licensing. The SUB-U ESS3300 EC also includes support for Cisco's MACSec implementation, which can be used as part of an NSA CSfC Comprised Solution. The SUB-U ESS3300 EC Ethernet switch weighing less than 3lbs, with a size of 1" tall by 5" wide by 7.5" deep has no rival, it is the smallest rugged Cisco ESS3300 product available currently.

- ◀ Cisco IOS XE, including Layer 2 and Layer 3 functionality
- ◀ Wide Range Dirty DC input, 9-32 VDC
- ◀ (2) 10 Gigabit interfaces and (8) Gigabit interfaces
- ◀ Small and pocket sized, 1" tall, by 5" wide, by 7.5" deep
- ◀ Pairs perfectly with other SUB-U EC products

The SUB-U ESS3300 EC is part of SUB-U's new Executive Communications product portfolio, which has been designed by SUB-U from the printed circuit board up to meet the demands of military, government, and other industries that require robust, high performance IP networking and IT functionality in the most austere of locations. For customers who need to communicate wherever and whenever, there has never been a product family as small, durable, flexible and scalable as the SUB-U EC products. SUB-U's EC products include the SUB-U Software Definable Networking – Appliance™ (SDN-A™) EC, the SUB-U Cisco ESR6300 Router EC, the SUB-U PSU/UPS EC, the SUB-U Cradlepoint IBR-900 EC and several additional EC products; to include: RoIP technologies, video encoders/transcoders, high performance compute in support of AI/ML applications, and a designed from scratch chassis system.

Give us a call or reach out to us via the web at Sales@SUB-U.com for more information or to request a demonstration.



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Sub U Systems' Executive Communications (EC) family of devices usher in the next generation of small, rugged, scalable tactical edge of network use IP networking and computing solutions. The SUB-U EC devices have been designed from scratch, from the printed circuit board up, and engineered with over a thirteen years of customer input and requirements collection. Whereas other companies may produce perceived comparable solutions, only SUB-U's EC devices have been designed in modern times, in modern appliance form factors, using state of the art electrical engineering design tools and methodologies. The SUB-U EC products are on the leading edge of what is possible in the deployable communications electronics market. They are smaller, lower power, higher performing, more rugged, easier to use, easier to transport, more flexible in how they can be packaged or kitted, and the most scalable deployable communications in the market today. Instead of settling for the rest of what the market offers, insist on the best of what exists for your tactical edge of network deployable secure communications and computing needs.

SUB-U Executive Communications (EC) devices offered are:

- ◀ Software Definable Networking – Appliances™
- ◀ Cisco Ethernet switches
- ◀ Juniper SD-WAN solutions
- ◀ Power supply/uninterruptable power supplies
- ◀ High performance compute (Xeon D and C3000)
- ◀ Low power/high CPU core NVIDIA based appliances for AI and machine learning applications
- ◀ More EC devices will be coming in 2022
- ◀ Cisco routers & VPN gateways
- ◀ Aruba Mobility controllers
- ◀ Haivision video transcoders
- ◀ Radio over IP appliances
- ◀ Cellular/wireless routers

Contact SUB-U for the next generation of military grade communications products and solutions at Info@SUB-U.com.

