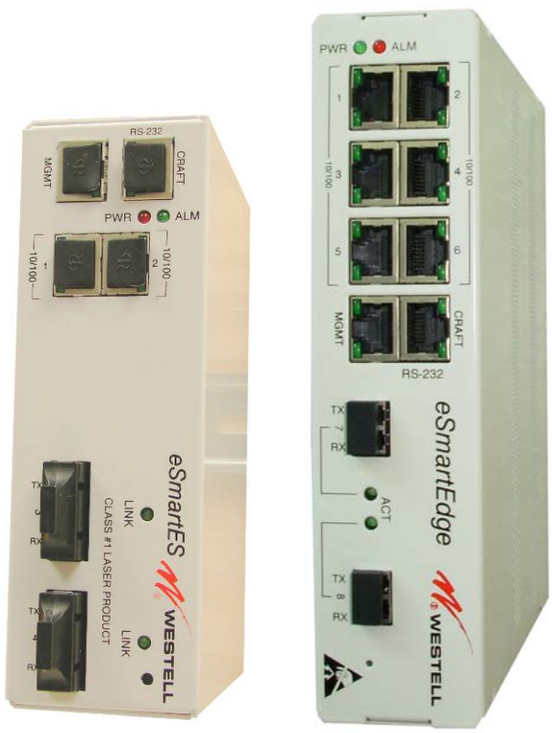
eSmart ES Platform
The eSmartES platform features the Westell Edge Operating System (WEOS), Secure Web Management GUI and CLI interfaces, SNMPv2,v3 management, 802.1p QoS Prioritization, Tag-based VLANs, IGMP Snooping and IGMP-L2 multicast management, port security, and network redundancy options including STP, RSTP, and MSTP for fault recovery in rings and meshes. From four to eight 10/100Mb copper ports can be ordered in the ES8000 series. In the 8 port configuration, ports 7 and 8 are 10/100/1000Mb ports. Ports 7 and 8 can also be configured as optical FE -100FX or GigE ports populated with either a pair of STs, SCs, or LCs interfaces.

The eSmartES switches are ideal for building a switched, hardened, Ethernet network infrastructure, connecting edge devices such as SCADA telemetry radios, Programmable Logic Controllers, and cameras with upstream switches or routers. Designed for use in industrial and heavy-duty outdoor applications such as power utility substations, video surveillance systems, and traffic control monitoring, the hardened products handle stressful workloads.

The platform's industrial design features include an extended operating temperature range of -40 to +85°C (-40 to +185°F), redundant DC power of either 24Vdc or -48Vdc power supply inputs for high availability applications requiring dual power inputs, and provides a high level of immunity to electromagnetic interference and heavy electrical surges. Packaged in a rugged, galvanized steel enclosure that allows either backboard, DIN-rail, or wall mounting for efficient use of cabinet space. It can also be rack mounted in the optional 1RU rack mount bracket.



ES8003G EdgeSwitch

3-Port GigE Industrial Managed Ethernet Switch

The ES8003G is a 3-port GigE industrial Managed Ethernet switch with SiteVu™, deploying the latest in reliability and security for harsh environments, on the perimeter of the network where edge devices are connected.

The eSmartES switches are ideal for building a switched, hardened, Ethernet network infrastructure, connecting edge devices such as SCADA telemetry radios, programmable logic controllers, and cameras with upstream switches or routers.

The ES8003G can be configured with three 10/100/1000Mb copper ports, two 100FX/GigE optical ports and one copper port, or a combination of the types. Two Small Form Pluggable (SFP) sockets are provided for optical deployment. The ES8003G is Auto SFP equipped with SFP diagnostics and environmental data. The ES8003G also has an RS-232 craft port and an Ethernet management port, both accessible at the front panel.

Additional features can be utilized when the eSmartJack is installed in the new eCellPak , including redundant power and SiteVu telemetry features like door open, high/low voltage, and high/low temperature alarms.

Westell – Noran Tel DC Power panels
From standard GMT to combination fuse panels, Noran Tel offers a full line-up of DC distribution options. With fuse panel features like polarity insensitivity and wide operating range, Noran Tel covers all your Fuse Panel requirements.

eCellPak™ eCP528 Outdoor Enclosure with SiteVu™ support.
The eCP528 eCellPak supports traditional copper T1 and HDSL provisioning for up to eight DS1 or up to four Ethernet circuits. All that is required are the Telco's T1/HDSL facilities, the plug-in modules, and the customer's line connections. Modules can be either line powered or locally powered by +24Vdc or -48Vdc.
Ethernet services are supported by installing Westell eSmartJack™ Ethernet NID modules (E-NIDs, up to 4) and a Westell Ethernet upgrade kit in the eCellPak. For maximum flexibility, a mix of eSmartJacks and traditional T1 or HDSL cards can be used simultaneously in eCellPak's 8-slot (200 MECHANICS_) card cage. Field-installed protectors installed in the lightning protection blocks protect both Network and Customer copper interfaces.