



Acumera SG™ Edge Security Device Specifications

Characteristic	Description
Advanced Firewall	Stateful firewall and traffic inspection that complies with PCI DSS and other compliance networks
Application Platform	Platform that supports secure, compliant deployment of internal, network-attached devices, temperature monitoring, and external services like payment processing, fuel supply chain management, EPA and FDA compliance management and retail analytics
Cloud Managed	Cloud-based dashboard with role-based access control to manage network segmentation, problem tracking, vendor integrations and geographic dispatch support
Mounting/Environmental	Wall, rack, DIN rail or shelf-mounted appliance that is rated at IP53 and 32°F to 140°F non-condensing (higher temperature rating available)
Connectivity	3x 10/100/1000, Auto MDI-X Ethernet 1x USB 3.0 1-wire IoT sensor bus WAN failover with automated failover connection testing
CPU/Memory	ARM Cortex-A53 v8 64-bit, 2 cores, 1.2 GHz 2GB RAM
Indicators	4 LED indicators to provide at-a-glance insight into device status
Capacity	Deployments ranging from a single kiosk application all the way up to big-box retail applications with thousands of endpoint devices
Security and Security Attestations	Services provided by Acumera, a PCI DSS Level 1 service provider that is listed on the Visa and Mastercard global registries of PCI DSS compliant service providers Acumera managed technology, people and process to comply with the NIST Cybersecurity Framework and the recommendations of NIST Special Publications 800- 52, 800-53 and 800-77 and other relevant standards
Enhanced Security Services	Enhanced security services that include intrusion detection, deep packet inspection, log analysis and retention, internal vulnerability scans, syslog server, and web filtering
Ephemeral Connectivity for Third Parties	Award-winning technology that keeps vendors from maintaining persistent connections to the network while providing secure data access in compliance with PCI DSS and other compliance frameworks
Power Requirements	12VDC, maximum of 18 watts (62 BTU/hr) depending on attached devices
Physical	Appliance: 15.3cm (6.0") W x 12cm (4.7") H x 3.7cm (1.4") D .38kg (.85 lbs) Package: 19.5cm (7.7") W x 13.5cm (5.3") H x 8.0cm (3.2") D .70kg (1.55 lbs)