



EdgeSentry Cellular

Monitor and secure security/IoT networks

Network of **300** devices

4 network ports (1 Gbps) + 1 cellular interface

Works with both managed / unmanaged switches

Easy to install - EdgeSentry is a network monitoring and security

appliance for **security, automation, IoT and OT networks.**

EdgeSentry is self-learning, building a profile of the monitored network over a period of about 24 hours. The connection to the monitored network uses OSI layer 2, ensuring that EdgeSentry sees all traffic on the network, even devices using different IP address ranges.

Remote monitoring - EdgeSentry alerts are communicated by email or to up to two network receivers. LMN's ES-Monitor software connects to the receiver and provides a map-based interface to display the status of multiple sites at the same time.

Active Security -The optional switch interface allows EdgeSentry to connect to compatible network switches for enhanced monitoring and for automated actions to respond to priority alerts.

Alert Types

- New or **unauthorized device** on the network
- Unauthorized attempted **inbound connection**
- Unauthorized **outbound/off network connection**
- **Use of email** on the network
- **Use of web browsing** on the network
- Network **device has become unresponsive**
- **Change in network topology**
- **Broadcast storm**
- **UPS alerts:** failed connection, change of state, failed self test
- Detection of **banned port/protocol**
- **Tamper** alerts
- Failed switch login attempt (switch interface req)
- Spike in port's dropped packets (switch interface req)
- and more...

Capabilities

- Monitors network up to 300 devices
- Self learning
- NTS/SNTS Server
- Save site data to 2 separate network receivers for remote monitoring
- Optional switch interface for controlling the site's network switches
- Maintains authoritative lists of all network devices and all network connections
- Works with networks of managed or unmanaged switches

General Specifications

- Windows 10 IoT Enterprise OS
- Celeron J6413 processor
- 4 GB RAM
- 64 GB NVMe storage
- (4) Gb LAN ports
- Fanless design

Mechanical – Power - Environmental

- 8"x3"x7" box dimensions
- 2 lbs shipping weight
- 5.25"x1.38"x4" unit dimensions
- 1.1 lb. unit weight
- 12 VDC, 3.34 amp, 36W max
- 0 – 45C / 32 – 113F operating temp
- CE, FCC Class A, UL
- Contains no NDAA listed components

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