

EdgeIPS™ LE

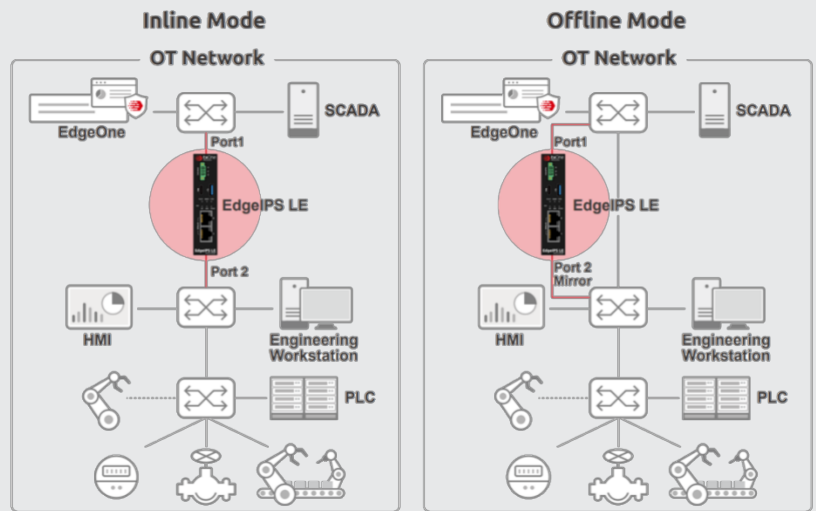
Industrial Next-Generation IPS Series

Compact, Affordable, and Reliable Transparent Security Box Protects Mission-Critical Machines & Supports Continuous Production Line Operation

Changing the infrastructure of security countermeasure deployment is a painful effort that requires costly investment, especially in an air-gapped network environment connected with a massive number of assets that were not designed for the modern corporate network.

EdgeIPS LE ensures affordable security of individual assets and small production zones through hassle-free transparent deployment, providing network visibility with the option of inline or offline functionality. This security solution is designed specifically to fit into your network without disturbing your pre-existing configurations.

EdgeIPS LE creates visibility and rock-solid cyber defense for the legacy systems and unpatched devices that make up the backbone of your production line, ensuring uninterrupted operation.



Benefits

Minimize Time Spent on Configuration & Maintenance

- Easy on-site deployment that transparently aligns with your existing network.
- Works independently and effectively and can be centrally managed by EdgeOne™.
- Hardware with compact size, width, and durability tailored for industrial cabinet design and OT environments as well as two types of power inputs.

Position EdgeIPS LE Anywhere You Need Protection with High Deployment Flexibility

- Immediate and continuous threat protection through flexible deployment options facilitating easy installation and management by the centralized management interface.
- Protects vulnerable unpatched devices and legacy systems.
- Signature-based virtual patching protects your assets against OT exploits.
- Incident response operates in accordance with factory SOP.

Boost Visibility and Reliability of Mission-Critical Assets without Altering Your Network Topology

- Operates with a high level of asset visibility using passive asset identification and IT/OT traffic communication within OT networks.
- Supports hardware failover to minimize downtime for patching or maintenance.
- Increases network visibility.
- Smooth event and traffic monitoring with event log tracing.
- View and query event logs with the built-in log viewer.



Key Features

- **Transparent Network Traffic Monitoring and Control**

EdgeIPS LE is designed for use in levels 1-3, in front of mission-critical assets or at the network edge. EdgeIPS LE seamlessly fits into your network without disrupting operations. It achieves this by transparently monitoring your network traffic and production assets.

- **OT-Aware Operational Intelligence**

Our core technology for EdgeIPS LE, TXOne One-Pass DPI for Industry (TXODI™), gives you the ability to create and edit allowlists, enabling interoperability between key nodes and deep analysis of L2-L7 network traffic.

Flexible Operation Modes, ‘Monitor’ & ‘Prevention’

EdgeIPS LE flexibly switches between ‘Monitor’ and ‘Prevention’ modes, preserving your productivity while maximizing security.

- **Improve Network Visibility by Integrating Existing Networks**

EdgeIPS LE comes equipped to make your networks as integrated and coordinated with each other as possible, granting superior visibility of your network environment.

- **Signature-Based Virtual Patching**

Through virtual patching, your network has a powerful, up-to-date first line of defense against known threats. Users have superior control of the patching process, which creates a pre-emptive defense against incidents, and provides additional protection for legacy systems.

- **Top Threat Intelligence and Analytics**

EdgeIPS LE provides advanced protection against unknown threats with its up-to-date threat information. With the help of the Zero Day Initiative (ZDI) vulnerability rewards program, EdgeIPS LE offers your systems exclusive protection from undisclosed and zero-day threats.

- **Easily Centralized Management with Convenient, Consolidated Overview**

Pattern updates and firmware management can all be centralized on a large scale. For facilities with massive EdgeIPS LE nodes, EdgeOne™ helps administer and manage them by group, reducing costs and increasing large-scale efficiency.

EdgeIPS™ LE Specifications



Feature	EdgeIPS LE
Threat Prevention Throughput*	100 Mbps at least (IMIX) / 600Mbps (UDP 1518 bytes)
Latency*	<500 microseconds
Concurrent Connection (TCP)	30,000
Policy Enforcement Rules	512 Rules
IT Protocol Filter Profiles	32 Profiles
Form Factor	DIN-rail mounting and wall mounting (with optional kit)
Weight (Standalone Device)	490g (1.0802 lb)
Dimensions (W x D x H)	110 mm x 109 mm x 26 mm (4.33 x 4.29 x 1.02 in)
Network Interface Type	2 x Auto-sensing 10/100/1000 Mbps ports (RJ45 connector)
USB Interface	1 x USB v3.0 Type-A
Management Interface (Web Console)	With shared uplink port
Hardware Failover	Hardware bypass
Management Console Interface	USB Type-C Console
Input Voltage	12 ~ 48 VDC
Input Current	0.483/0.241/0.127 A
Power Supply	2 types of power input (3-pin terminal block, G, V+, V-, 12 ~ 48V DC) and standard 12V DC power adapter
Operating Temperature	0 to 40 °C (32 to 104 °F)
Ambient Relative Humidity	5 to 95% non-condensing
Non-Operating / Storage Temp	-40 to 85 °C (-40 to 185 °F)
Non-Operating / Storage Relative Humidity	5 to 95% non-condensing
Vibration	IEC60068-2-6 (without any USB devices attached)
Mean Time Between Failure (MTBF)	250,000 hours +
Safety Certification	CE, UL, UL 60950-1
Electromagnetic Compatibility	EMI: CISPR 32, FCC Part 15B Class A EMC: EN 55032/35, VCCI Class A
Green Product	RoHS, RoHS2, CRoHS, WEEE

* Note: Performance is measured in a laboratory, performance values may vary according to test conditions and system configuration.

- Each EdgeIPS LE is entitled to 2 years hardware warranty. Upon renewal of the software license, the hardware warranty WILL NOT be extended for the same renewal period, subject to a maximum warranty period for the hardware of 5 years.