



Thunder NSI Gateway

CLOUD VIDEO SURVEILLANCE COMPATIBILITY

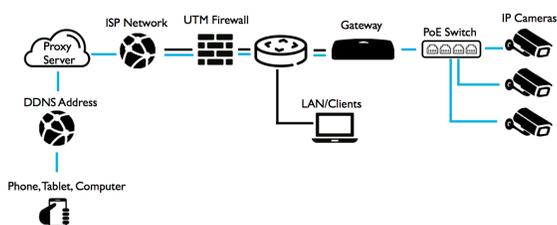
Thunder NSI Gateway integrates cyber-security, high reliability SD-WAN, and network intelligence technologies to bridge organizations to cloud. At its core, Thunder integrates its proprietary DNS technologies with next generation hardware to provide an optimized internet experience.

Thunder was also built to eliminate the need for complex and unsecure port forwarding. Secure remote access without changing firewall, advanced cyber security for IP cameras, micro segmentation.

FEATURES

- IP Camera Secure Plug & Play DDNS
- IoT integrations
- Plug & Play Cloud Management
- 4G & 5G Cellular Redundancy
- Auto Private/Public Cloud Tunneling

Secure IP Camera Tunnels Through Firewall



HOW DOES THUNDER WORK WITH IP CAMERAS?

Thunder's Gateway automatically segments IP cameras on their own secure network. This isolation not only provides a layer of security for the cameras themselves, but also contributes to in-depth network wide security. The secure DDNS transmits all camera communication through a secure Thunder VPN tunnel from camera to any cloud surveillance platform.

OPEN IP CAMERA SUPPORT

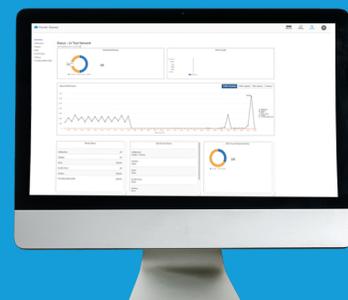
We believe the most important feature when working with IP cameras is the ability to stay open and work with any camera brand. We allow all RTSP and HTTP traffic to pass through our secure connections and do not limit this feature to specific brands.

NO PORT FORWARDING, EVER!

Port forwarding can be complex and often insecure. The Thunder gateway provides you with a plug and play solution that transmits data through our secure connection to the cloud. The video traffic is passed through the same secure ports as the gateway traffic and doesn't require any ports to be opened on the main network.

CLOUD MANAGED

Thunder gateways are 100% cloud managed and are managed from the Thunder NSI portal.



THUNDER GATEWAY 20

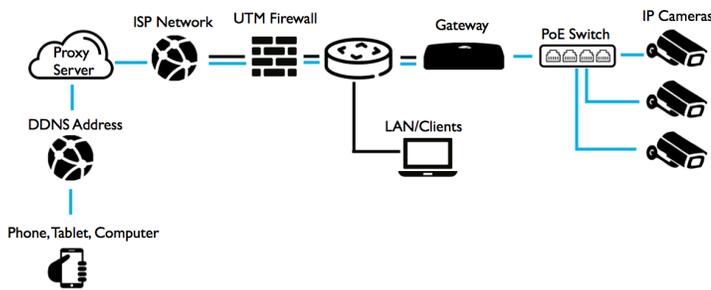
GATEWAY FEATURES

MAIN PARTNERS

FEATURES

- Integrated wireless and cellular connections
- Plug & Play - No Port Forwarding
- Cloud managed from anywhere
- Advanced camera discovery
- Automated network configuration
- Secure camera VLAN network

Secure IP Camera Tunnels Through Firewall



With Camcloud, the Thunder Gateway can securely transmit camera connections without the need for port forwarding or public static IP Addresses. This will work with all their compatible plug and play cameras and port forwarded cameras.



T-Mobile has been certified on Thunder's Gateway to work as a standalone cellular router or as a failover network for cellular redundancy.



Thunder NSI uses a combination of our own data centers and AWS data centers to ensure we can expand to any market accordingly. AWS also provides a level of security and standardization for multiple platforms.

GATEWAY 20

Encrypted Routing	Up to 2 Gbps
Packets Per Second	250,000
Prevention & Detection Security	Up to 100 Mbps
Encrypted Tunnels	Up to 20
Interfaces	4 ports (WAN or LAN configurable) 10/100/1000, 1 SFP cage (fiber or ethernet)
Expansion Interfaces (optional)	Internal LTE (mPCIe), External LTE (USB), Wi-Fi (mPCIe),
Internal LTE - 3G, 4G capable	Supports up to 150 Mbps (CAT 4 module)
External LTE - 3G, 4G capable	Supports up to 150 Mbps USB dongle
Wi-Fi	Supports up to 867 Mbps (802.11b/g/n/ac module)
SFP Cage	Supports Fiber or Active Ethernet up to 2.5 Gbps
Physical Management	Factory Reset Included
Network Function Virtualization	Supports up to 1 Edge VM
SD-WAN Routing	Aggregation, Failover, Load Balance, Private/Public Cloud
Network Routing	OSPF, BGP
Enclosure	Fan-less 165mm (W) x 115mm (D) x 30mm (H)
Weight	0.1 kg
Max Power Consumption	30W (~10W Average)
Operating Temperature	0 - 40 C
Operating Humidity	0 - 95% Condensing
Power Adapter	110-240V AC Power Adapter Included
Certifications	FCC, CE
Warranty	1 Year Limited Warranty

