# Intrusion

## SYS-110P-WTR Quick Start Guide

**Intrusion Shield** is a combination of hardware, software, threat intelligence, and services that provide organizations with the most robust network defense possible.

This security-as-a-service neutralizes traffic and internet flows, halting malicious behavior based on metrics that other intrusion protection products don't have the ability to see or characterize.

### In the Box:
- 1 Intrusion Shield S16 1U rackmount appliance
- Applicable power cables for your country
- Set of 2 Rack Mounting Rails
- SuperMicro Quick Reference Guide

### Shield ID & Model:
- Looking at the front of your new Shield, there is a pull tab on the top left side of the server that is labeled with your Shield ID and Model.

*Pull Tab*

*Power Button*

### Installation:
The Shield S16 device should be installed between your firewall/NAT device and the internal network.
Once the device is powered on Shield will automatically begin protecting your network

The Internet — Firewall — Shield WAN — Intrusion Shield — Shield LAN — Switch — Your Network

### Connecting the Ethernet Interfaces:
To operate Shield on your network, rack the SM16 device close to the target firewall and switch. Plug in the Shield to a source of power, and power it on. *Only 1 power source is required, but there is an option for a second power source for redundancy.* Once powered on, connect the following interfaces. There are 3 required interfaces and 1 optional interface.

- **LAN** – Connect this port to the internal network
- **WAN** – Connect this port to your NAT/Firewall/SA Device
- **Management Port (MGMT1)** – Connect this port to the internal network, then connect to the same switch or a device on the LAN port subnet. *A DHCP server is required on your network to assign an address to this MGMT port.*
- **IPMI (optional)** – For out of band management of device (CAT6 Ethernet cables not provided)

IPMI Management (Optional)

MGMT1          LAN    WAN
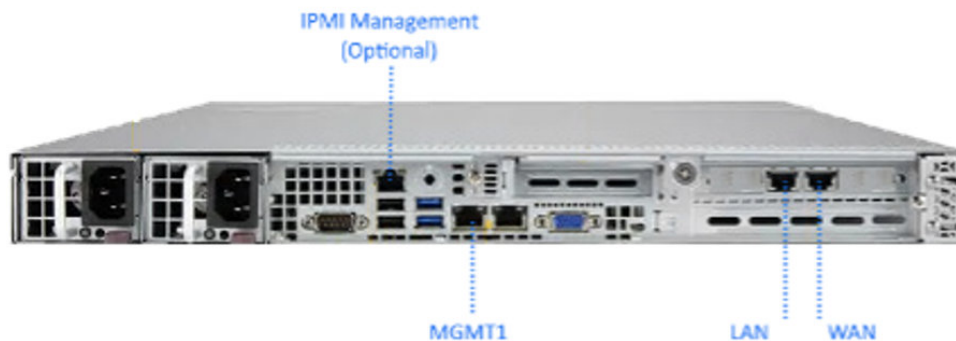
*Notes:*
*The LAN and WAN interfaces act as a bridge. They do not have IP addresses or MAC configurations.*

*When powered up, the Shield will default to Protect mode. To deploy in observe mode, power on the SM16, connect only the MGMT 1 port, and contact our support team.*

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**Dashboard Access:**

To log into the Shield Dashboard, navigate to **dashboard.intrusion.com**, or if that is unreachable, the IP address that was assigned to the specified Shield Management port from your DHCP server. Upon successful connection to the Shield, a warning showing "Your connection isn't private" will be visible. This is because Shield uses a self-signed certificate. Click "**Advanced**," then click "**Continue to dashboard.intrusion.com (unsafe)**."
*Note: Screenshots shown below may vary by browser.*
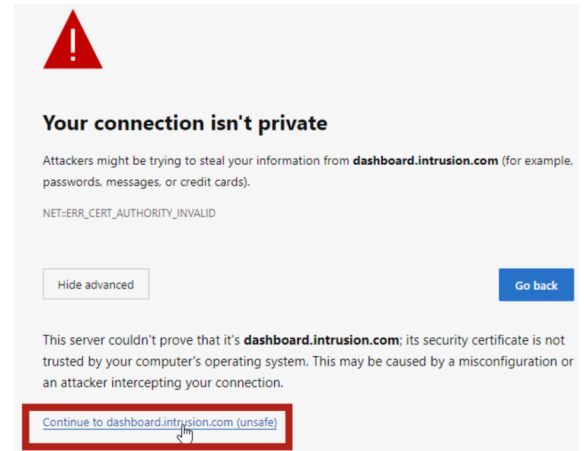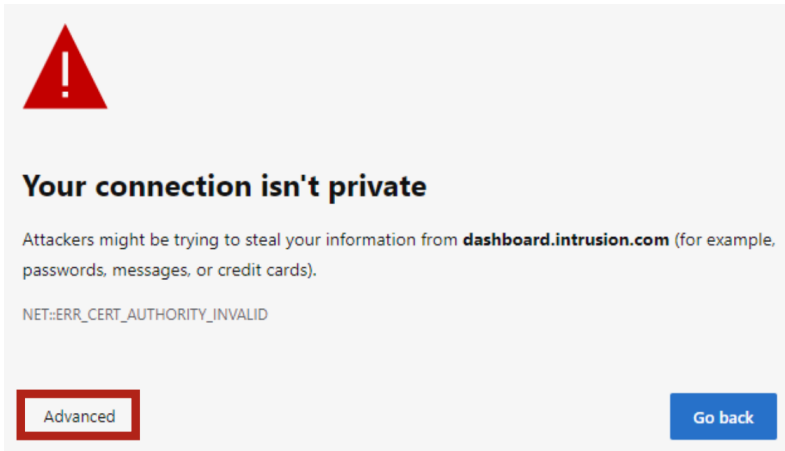


The dashboard login page will now be visible. Use the username and password that was received from Intrusion. *If this information has not been received, please contact customer support.* Once logged in, please access the Shield OnPremise Dashboard User Manual for additional information on Dashboard capabilities.

*Note: This page requires a DNS intercept. This option will only work if the Shield device is properly installed between the workstation and the internet.*

**Troubleshooting:**
Here are some tips for troubleshooting common problems with setup of Shield OnPremise.

- Verify the Shield device is turned on and completely powered up. This could take a few minutes. If a monitor is available, verify the console has a login prompt and no errors are displayed.
- Verify the LAN and WAN ports are plugged into the correct networks. Try swapping the LAN and WAN ports.
- Verify the green and amber link/activity lights on the LAN and WAN ports are on.
- Shield requires a DHCP server for the management port to work correctly.
- Make sure ports 2021 UDP and 443 TCP are allowed for outbound connections. These ports are used for software updates and system health monitoring.
- Power cycle the device. To do this shut the device down completely, unplug from power source and wait 1 minute before powering back on.
- Contact support if you are unable to get your Shield device to pass traffic.

**Customers with an Intel X710 card (if applicable):**

- This card has two SFP+ ports that you will use to provide WAN/LAN connectivity.
- It is recommended that only Intel SFP+ transceivers be used with the IntelX710.
- Find a list of supported transceivers at shield.intrusion.com/compatibility