Moxa Integration Guide

Supported Models:

- Tested: Moxa E2210
- Other E2200 series models likely to work, but have not been tested.

Username	administrator
Password	None

Power Requirements:

- Power Requirements: Input Voltage: 12-36 V_{DC} (12 V_{DC} Standard)
- Power Consumption: 203 mA @24V_{DC}

Username and Password:

Moxa Default Username and Password:

- Username: administrator
- Password: None

Network Settings:

Moxa Default Network Settings:

- Moxa Default: 192.168.127.254
- TIR Default: 192.168.1.113

Mounting Best Practices

Moxa modules are designed to be installed/mounted on a DIN rail.

To Configure the Moxa Device:

- User Manual: Moxa E2200 Series Manual
- Moxa IO Admin Utility: Moxa IO Admin Utility Download
- In order for the Thermal Radar to trigger the device outputs, the relevant DO channels must be set to Pulse Output mode using either the Moxa web UI or the IO Admin Utility.

To Configure the Moxa to TRIA/Thermal Radar:

1. Open the TRIA/Thermal Radar web interface in a web browser using the IP address followed by :8080 (i.e., http://ipaddress:8080), then navigate to the Alert Receivers tab.

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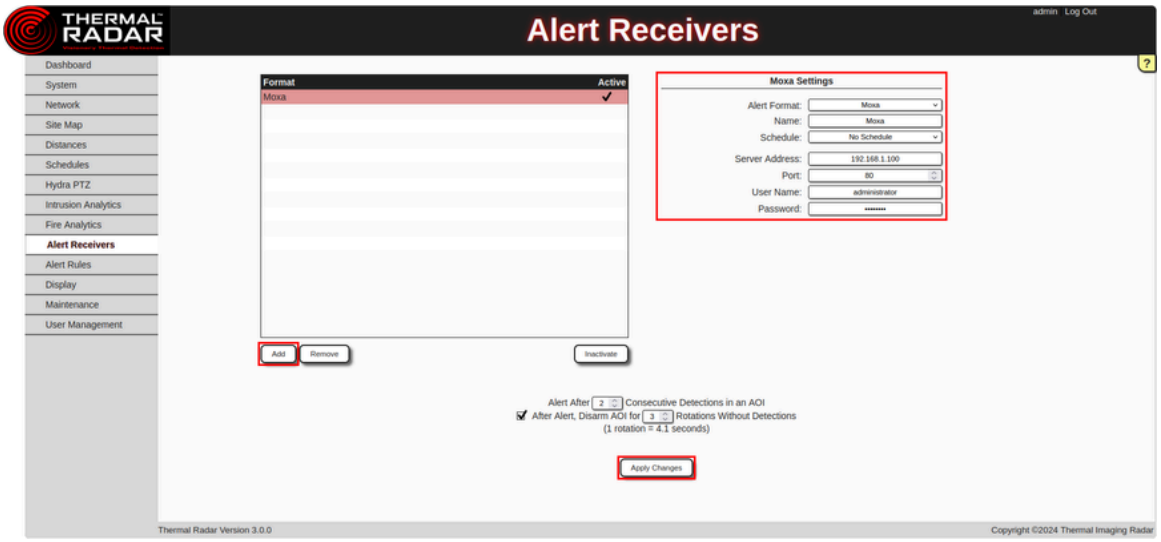
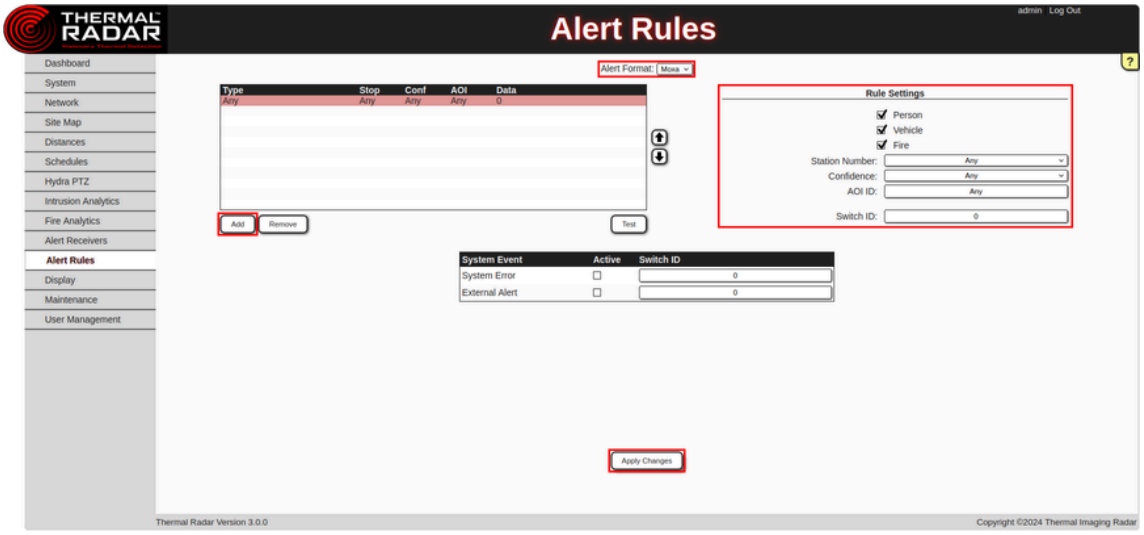
1. Select Add. Using the Alert Format drop-down menu, select the Moxa option. Fill in the Name, Server Address, Server Port (default is 80), User Name, and Password.



2. Navigate to the Alert Rules page. Select Add. Configure the rule(s) for the alert (Detection Type, Station Number, Confidence, AOI ID, and Switch ID). The Switch ID shall match the output Switch ID used by the Moxa to trigger an alert. Select Apply Changes.



Wiring Diagrams: E2210

The Moxa can be wired to trigger alerts into Avigilon VMS (ACC 6 & 7). This can be accomplished by wiring the outputs to the inputs (i.e. wire output 1 to input 1, etc.). When done correctly, the TRIA/Thermal Radar will trigger an output that corresponds to an alert, then the output will trigger the corresponding input. The inputs can then be added into Avigilon Control Center, and tied/associated with an alert.