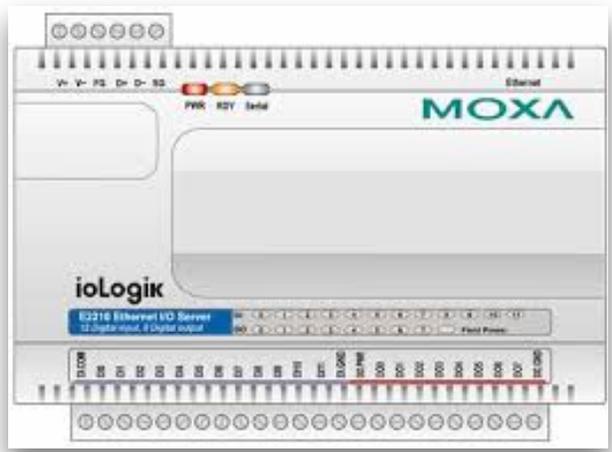




MOXA Integration Guide:

Supported Models	
Tested: Moxa E2210 <i>*Other E2200 series models likely work, but have not been tested.</i>	
Power Requirements	
Power Requirements: Input Voltage: 12-36 V _{DC} (12 V _{DC} Standard) Power Consumption: 203 mA @ 24V _{DC}	
User Name & Password	
Moxa Default user name and password:	
User Name	administrator
Password	None
Network Settings	
MOXA Default:	
MOXA Default	192.168.127.254
TIR Default	192.168.1.113



Mounting Best Practices

MOXA- E2210 modules are designed to be installed either through DIN rail mounting .

To Configure Device:

- For user manual go to: [MOXA E2200 Series Manual](#)
- To download MOXA.IO Admin utility go to: [MOXA IO Admin Utility Download](#)

To Configure MOXA to TRIA/Thermal Radar:

Open Tria/Thermal Radar in web browser by typing ip address then open alert receivers tab.

1. Add MOXA as a receiver with ip address and port for device. Enter login credentials and configure receiver settings to preference.

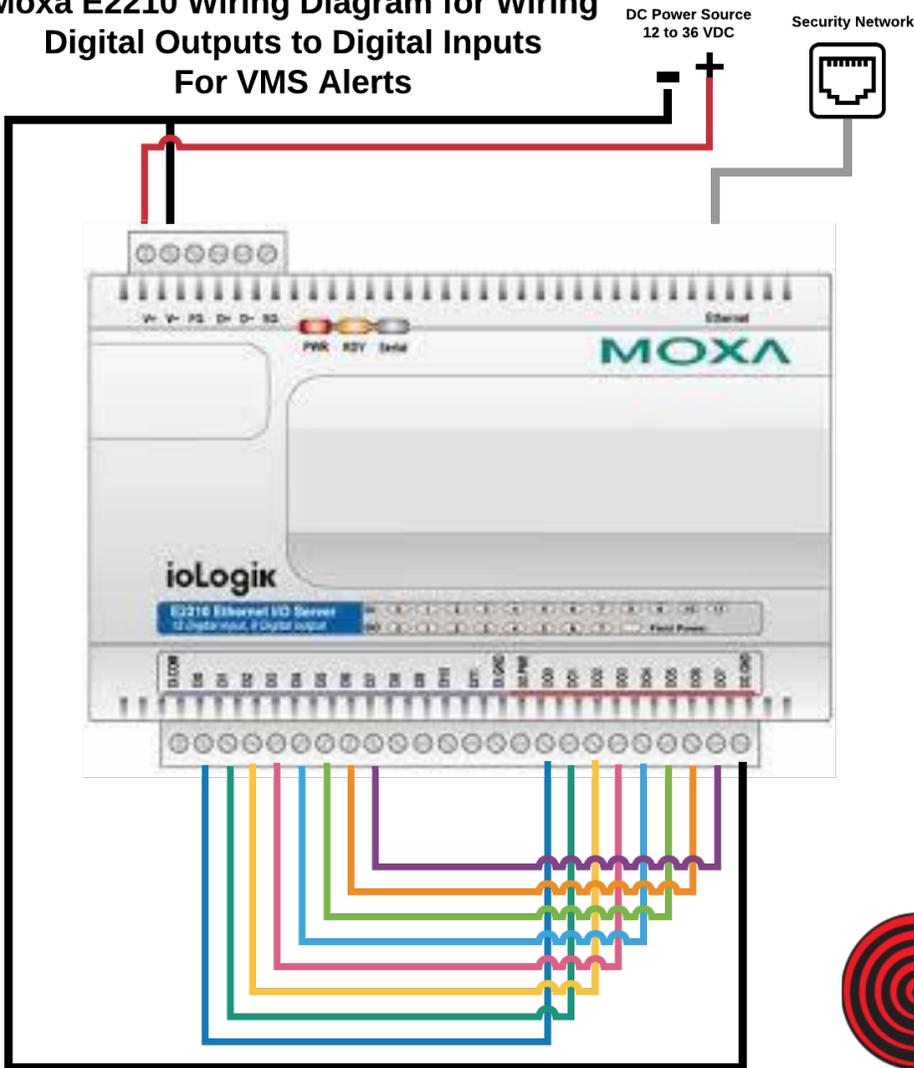
The screenshot shows the 'Alert Receivers' configuration page in the Thermal Radar web interface. The page has a sidebar on the left with navigation options: Dashboard, Thermal Radar™, Network, Site Map, Distances, Hydra PTZ, Analytics, Alert Receivers (selected), Alert Rules, Display, Time Settings, Maintenance, and User Management. The main content area is titled 'Alert Receivers' and includes a 'Format' table with one entry 'Moxa' which is active. Below the table are 'Add', 'Remove', and 'Inactivate' buttons. To the right is a 'Moxa Settings' form with fields for Alert Format (Moxa), Name (Moxa), Server Address (192.168.1.100), Server Port (80), User Name (administrator), and Password (masked). Below the settings is a checkbox for 'Alert Alert, Disarm AOI for 2 Rotations Without Detections (1 rotation = 2.2 seconds)'. At the bottom is an 'Apply Changes' button.

2. Go to alert receivers tab and add and alert in the MOXA format. Configure detection type, station, minimum confidence score, and/or the AOI ID to the corresponding "switch id" on the MOXA device that will be triggered by the Alert. Then Select Apply changes to save your settings.

The screenshot shows the 'Alert Rules' configuration page in the Thermal Radar web interface. The sidebar is the same as in the previous screenshot, with 'Alert Rules' selected. The main content area is titled 'Alert Rules' and includes an 'Alert Format' dropdown set to 'Moxa'. Below it is a table with columns 'Type', 'Stop', 'Conf', 'AOI', and 'Data'. The first row has values 'Any', 'Any', 'Any', and '0'. To the right is a 'Rule Settings' form with fields for Detection Type (Any), Station (Any), Confidence (Any), AOI ID (Any), and Switch ID (0). Below the table are 'Add', 'Remove', and 'Test' buttons. At the bottom is an 'Apply Changes' button.

Wiring Diagrams: E2210

Moxa E2210 Wiring Diagram for Wiring Digital Outputs to Digital Inputs For VMS Alerts



Moxa E2210:	
V+:	to + DC
V-:	to - DC
DI COM:	Not Used
DI0:	to DO0
DI1:	to DO1
DI2:	to DO2
DI3:	to DO3
DI4:	to DO4
DI5:	to DO5
DI6:	to DO6
DI7:	to DO7
DI8:	Not Used
DI9:	Not Used
DI10:	Not Used
DI11:	Not Used
DI GND:	Not Used
DO PWR:	Not Used
DO0:	to DI0
DO1:	to DI1
DO2:	to DI2
DO3:	to DI3
DO4:	to DI4
DO5:	to DI5
DO6:	to DI6
DO7:	to DI7
DO GND:	to - DC

