HIKVISION | ADVANTECH

Alarm Expansion Solution
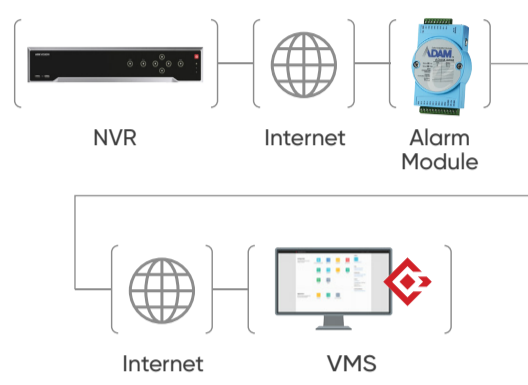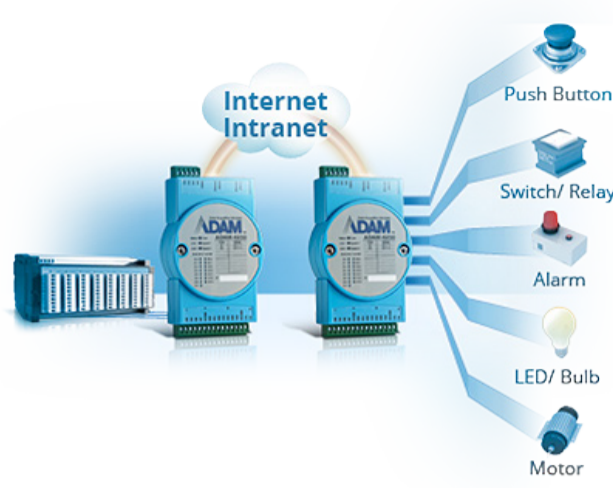from Hikvision & Adam IO

Requirements

1. Alarm outputs expansion

Customers need more alarm output interfaces to connect alarm devices in some monitoring scenarios.

2. Alarm Triggering for different VCA events

Different VCA events (like intrusion detection and line crossing detection) need to trigger different connected alarm devices or notify surveillance center.

3. Easy integration and configuration

Easy integration with third-party device and convenient configuration.

Internet Intranet — Push Button, Switch/ Relay, Alarm, LED/ Bulb, Motor

NVR — Internet — Alarm Module

Internet — VMS

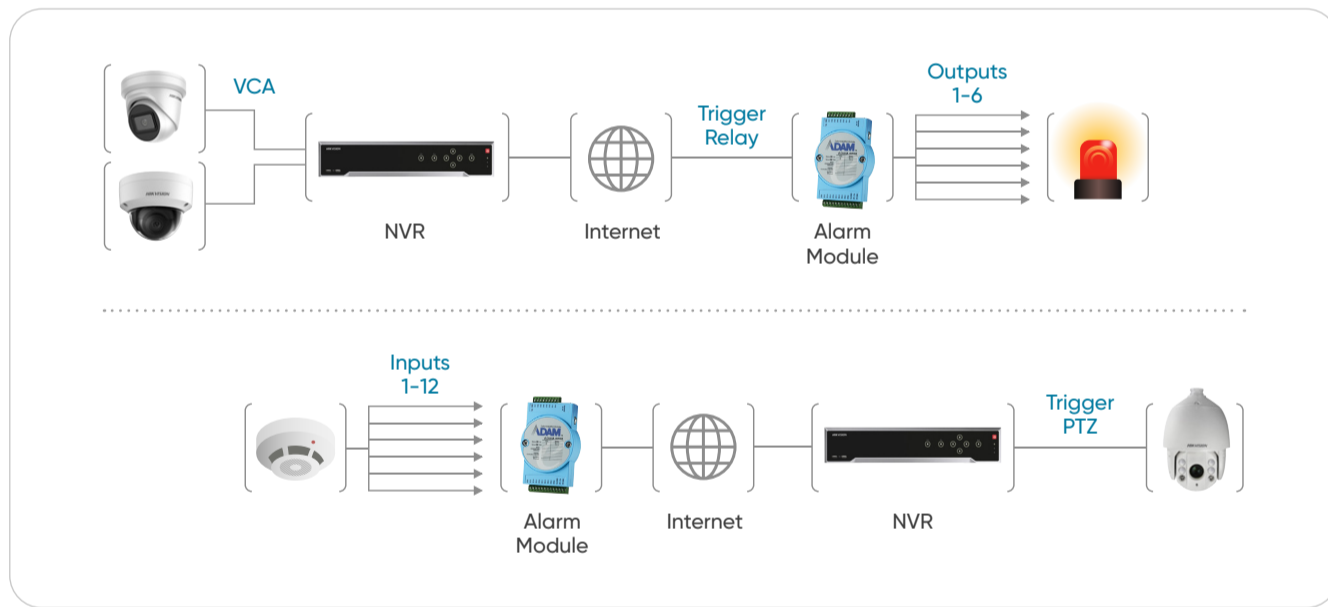## Introduction to Advantech

ADVANTECH
Enabling an Intelligent Planet

Founded in 1983, Advantech is an international leader in the design and manufacture of data capture I/O modules, providing complete independent data capture modules for a wide range of industrial-scale applications.

Advantech's Ethernet I/O Modules, ADAM-6000 series, accomplishes this integration easily through the latest internet technology, so that it can remotely monitor the device status more flexibly.
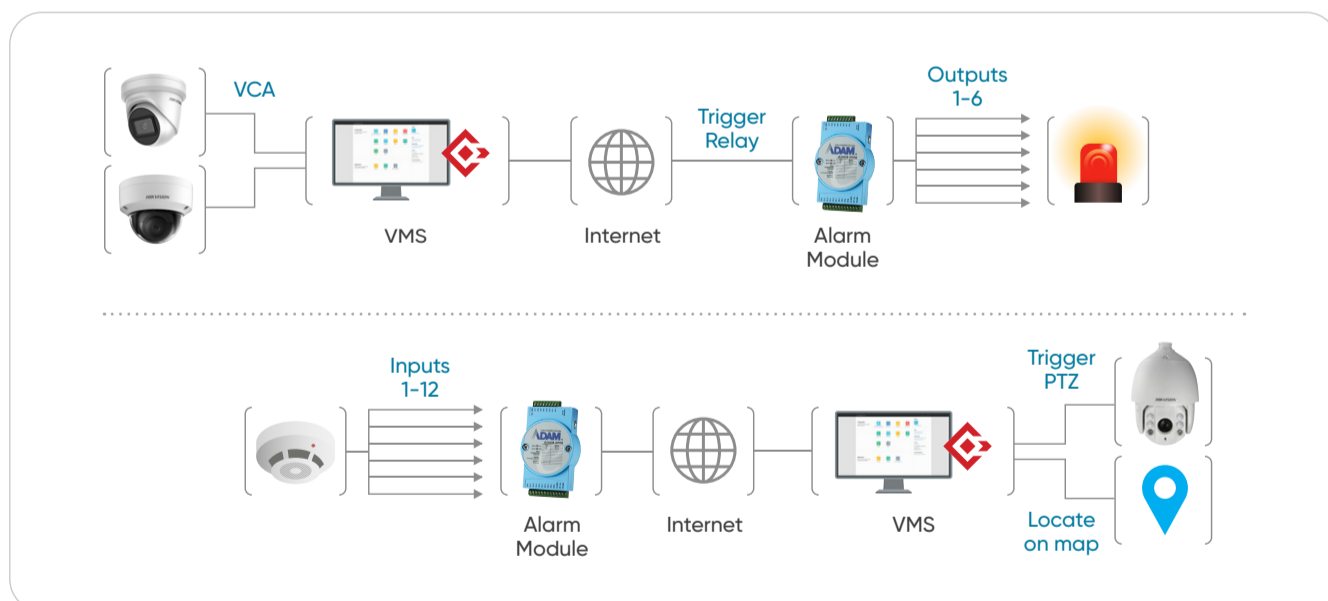

Solution Architecture

Solution 1 | Hikvision I-series NVR & ADAM 6060 Alarm Modules

Easy expansion by adding ADAM modules to NVR through local GUI configuration.

VCA — NVR — Internet — Trigger Relay — Alarm Module — Outputs 1-6

Inputs 1-12 — Alarm Module — Internet — NVR — Trigger PTZ

Solution 2 | HikCentral & ADAM 6060 Alarm Modules

Easy expansion by adding ADAM modules to HikCentral.

VCA — VMS — Internet — Trigger Relay — Alarm Module — Outputs 1-6

Inputs 1-12 — Alarm Module — Internet — VMS — Trigger PTZ — Locate on map
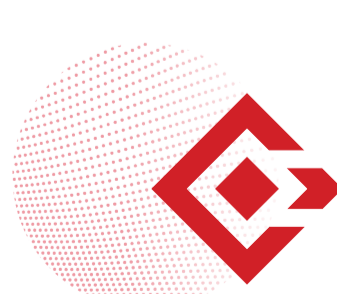

Product Showcase

DS-9600/7700/7600NI-I series NVR

- 16-ch @ 1080p
- Max. 12 MP camera access
- H.265/H.265+
- Dual-stream recording
- Up to eight 10 TB HDDs connectable

ADAM-6060 Alarm Module

- 6-ch DI, 6-ch DO, Ethernet-based smart I/O
- Group configuration capability for multiple module setup
- Intelligent control ability by Peer-to-Peer and GCL function
- Active I/O message by data stream or event trigger function
- Multiple protocol support: Modbus/TCP, TCP/IP, UDP, HTTP, DHCP, SNMP, MQTT

HikCentral

- Video management system
- Evidence management
- Intelligent analysis

HIKVISION