

ARN Gateway

Robust Alarm Reception, Reliable Alarm Notification



ARN (Alarm Reception and Notification) Gateway

- High-capacity IP alarm receiver
- Sends alarm data in CID/SIA formats via RS232/IP to the CMS
- Supports up to 100,000 control panels
- Doubles as an SMS message dispatcher
- Works with your local telecommunications network
- Provides reliable SMS alarm reporting

High-Capacity IP Alarm Receiver

Forwards Alarm Reports in CID/SIA Formats to the CMS

The ARN (Alarm Reception and Notification) Gateway is an IP alarm receiver that receives event reports from Climax's IP/GPRS control panels and forwards the data in the CID or SIA format via RS232 or IP to the central monitoring station (CMS).

Supports up to 100,000 IP/GPRS Panels

The gateway establishes seamless communication between the CMS and all Climax alarm panels with IP/GPRS connectivity, enabling the CMS to receive and store alarm reports from Climax panels adopting the latest IP technology. It can support 10,000 to 100,000 control panels (depending on internet bandwidth).

Doubles as an SMS Message Dispatcher

Works with Your Local Telecommunications Network

The ARN Gateway also doubles as an SMS message dispatcher when integrated with Home Portal Server, Climax's IP networking solution designed to maximize the benefits of IP technology for monitoring centers and end users.

Monitoring centers can activate the ARN Gateway to send SMS notifications to end users after inserting into the gateway a SIM card purchased from a local telecommunications provider. The employment of a local telecommunications network, which is more stable than an international one, will greatly enhance the reliability of monitoring centers' SMS message service.

Reliable SMS Alarm Reporting

One key purpose of monitoring centers' SMS message service is to send alarm alerts to end users. The highly dependable SMS message service provided by the ARN Gateway ensures end users get every SMS alarm report in a timely manner.

Safe Home Portal Server Registration

To enjoy Home Portal Server's smart home services, end users need to register on the server's website. The integration of the ARN Gateway allows the server to send SMS authentication messages to end users after their registration, thus strengthening the security of using the server's services and preventing identity thefts.

How the ARN Gateway Works

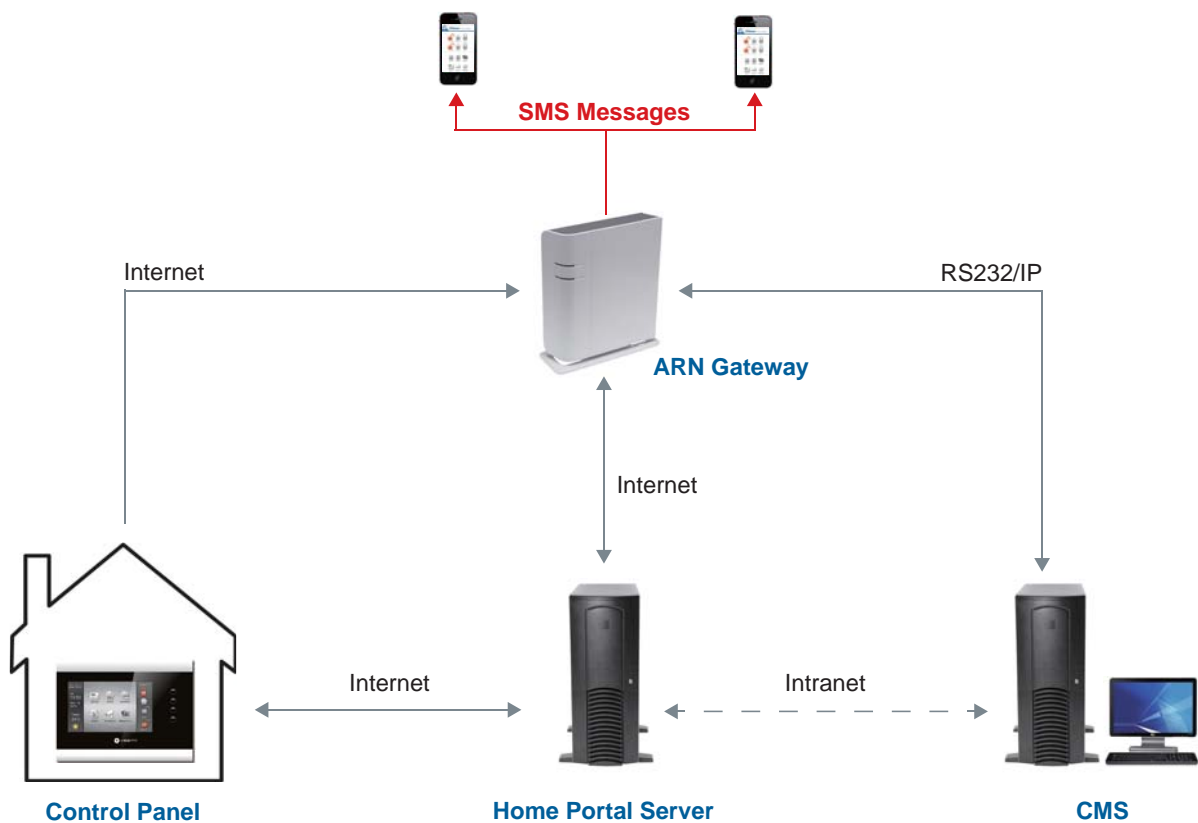
As an IP Alarm Receiver

- Forwards Alarm Reports in CID/SIA Formats to the CMS
- Supports up to 100,000 IP/GPRS Panels



As an IP Alarm Receiver and SMS Message Dispatcher

- Works with Your Local Telecommunications Network
- Provides Reliable SMS Alarm Reporting
- Ensures Safe Home Portal Server Registration



ARN Gateway

Specifications

Specifications	
Power supply	12V 1A DC adaptor
Backup power (optional)	Rechargeable 4.8V AA Ni-MH battery pack
SIM card	Purchased by the customer from a local telecommunications provider
NIC supported data rates	10/100Mbps
Number of control panels supported	10,000 to 100,000 (depending on internet bandwidth)
Security system reporting protocols	CID/SIA over IP
Automation software communication	CID/SIA protocol over RS232/IP
Notification dispatcher	Via SMS messages (when the gateway is connected to Home Portal Server)
Event logs	100
Operating temperature	-10°C to +45°C
Operating humidity	Up to 85% non-condensing
Dimensions	186.3 mm x 130 mm x 30.3 mm