Smart Alarms™

NENA 4G Security Router

NENA 4G Security Router is an effective and secure 4G router for CCTV systems, access control systems and other monitoring and remote access systems. With its smart alarm transmission functions, NENA has been specifically designed to meet the stringent demands of the security industry and is the optimal solution when there is no fixed line internet connection.

Our hardware platform, which we have developed in-house, combines advanced and fast router technology with international certification for alarm transmission of intruder and fire alarms. Our 4G routers are equipped with WAN and VLAN functions to manage the fact that buildings and systems are increasingly connected online. IOT offers completely new communication opportunities for technologically mature companies to gain an overview of all their security systems in real time.

NENA 4G Security Router is a basic model that is the ideal solution when there is no fixed line internet connection and you want to connect a system, for instance a camera system, for image transfer and remote access. Alarm transmission functions can be added as optional extras.

Thanks to fast and secure mobile internet, NENA complies with all strict cybersecurity requirements and GDPR. The VPN facility offers maximum protection against intrusion. NENA is continuously monitored via polling and it has advanced functions for automatic restart in order to provide maximum uptime.

For a safer and smarter world

Product overview:

- 1 LAN with VPN (optional)
- 1 4G/3G/2G modem, 100 Mbps down-load and 50 Mbps upload
- E-SIM SecureSIM-E Roaming, with optional XtraSIM
- Support for digital alarm protocol SIA DC09
- SMS/Mail/Vocal/Push (optional)
- 8 digital inputs
- 2 solid state relay outputs

Optional extras and configuration

Several advanced alarm transmission functions are available as optional extras for NENA, which is equipped with inputs and outputs for alarm and remote control. NENA supports IP protocol SIA DC09 for alarm to the alarm receiving centre. All configuration is performed via the installer portal EasyWebManager and all services, such as push, email and remote control, are supported.

Stable and secure connection

NENA automatically connects to mobile networks through the roaming function. The integrated SIM card is a prerequisite for a stable and secure connection that complies with GDPR requirements and protects against intrusion. As the installer you set the level of data allowance during the configuration of each installation. The level can be adjusted if necessary.

Data allowance for service connections and video cameras

Data allowance is selected for each installation based on functions and requirements. The data allowance can easily be increased or reduced depending on your requirements. The cost is charged to you as the installer on a monthly basis and you charge the end-customer via the service contract you have entered into.

For service connections:	For video cameras:
50MB	1GB
100MB	2GB
250MB	10GB
500MB	

Technical description

Power supply	11-30 VDC
Power consumption	200 mA
Miscellaneous	NENA is supplied complete with steel enclosure and aerial with 0.5 metre aerial cable. The unit is usually supplied with power from the existing alarm installation.