

VIAS Controller



VIAS (Video IoT Alarm System) is an all-in-one solution for Alarm, Surveillance and Home Automation. The VIAS solution consists of the SC109 Controller, the Cloud platform and the U-Net wireless sensors. This manual covers only standalone operation without connection to the Cloud platform.

The SC109 VIAS Controller is the central control hub to wirelessly control and monitor U-Net family of accessories. When connected with the VIAS cloud platform on the internet, the system will send you alerts during events and provide access to control your smart home system.

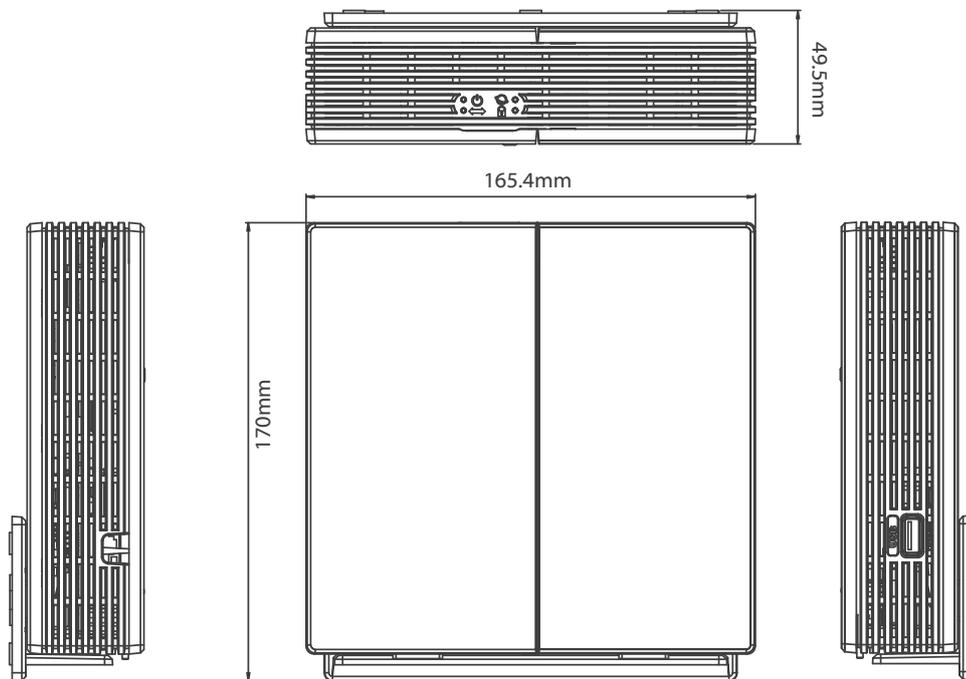
Main Features

- Home security and Home automation function.
- Manage/supervise wireless network of sensor and devices
- Alerts security provider of alarm events via SIA-DC09
- Hard drive compartment for local storage of recorded video
- Connects to router by Ethernet
- GSM/GPRS/4G LTE connection
- Rechargeable backup battery
- Tamper protection for housing open and removal from wall



Brief Product Specifications

System	High performance embedded processor	RF band	868.0-868.6 MHz(EU) 902.0-925.0 MHz(US)
LED Indicators	Power LED, Internet LED, Comms LED, Status LED	RF range (open space)	Up to 1000m
Buttons	Reboot button, Reset to default button	Communication	Ethernet port 10/100 LAN GSM/GPRS 850/900/1800/1900MHz 4G LTE
Switches	1 x Wall-remove tamper, 2 x housing-open tamper	Monitoring center interface	Protocol by SIA-DC09
Slots/Connector	DC-jack, RJ45(LAN), SATA connector, SIM card slot, Micro SD slot	Operating Temperature	-10° till +40°C
Power	Primary power DC adaptor 12V, 2A. Backup power Li-polymer battery, 7.4V 2500mAh	Operating Humidity	Max. 85% RH
RF protocol	U-Net 5.0	Dimension	165.4mm(W) X 49.5mm(D) X 170mm(H)
		Weight	596 g (including backup battery, without hard drive)



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