

SYSGUARD 7001 MAIN UNIT

Overview



SYSGUARD 7001 Main Unit

SYSGuard 7001, which is the compact solution of SYSGuard Environment Monitoring and Management Systems, controls system rooms or critical facilities with different sizes.

Monitoring

Temperature, humidity, leakage, air flow, vibration, electricity, other EMS sensors and 3rd party sensor support that should be monitored and managed in critical facilities.

Setting Alarms

In case any of values monitored are out of minimum-maximum values defined by administrator, system gives alarm and informs predefined employee via either an e-mail, SMS, voice call, sirens, SNMP Trap.

Management

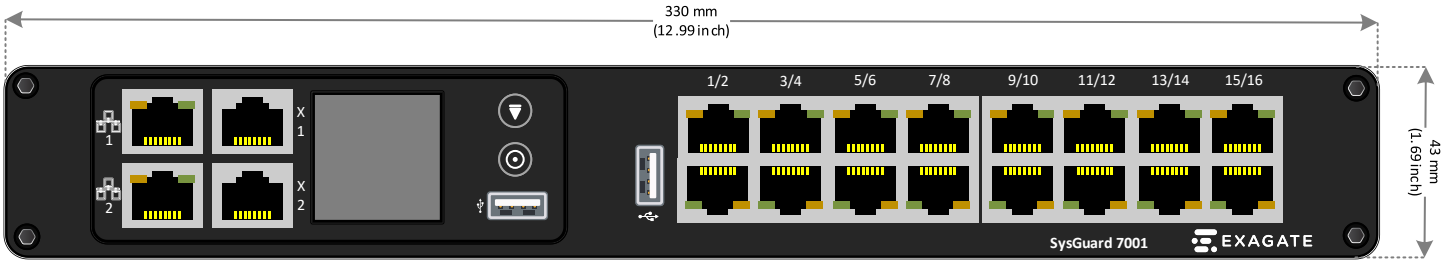
Received alarms are integrated with the management functions and controlled without causing any remarkable loss.

Reporting

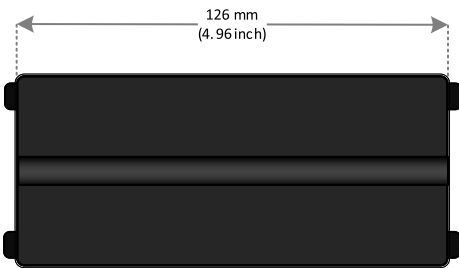
All monitoring, alarm and management functions in the system are recorded and an archive file is generated. An analysis is made retrospectively and IT budgets are controlled accordingly.

Dimensions

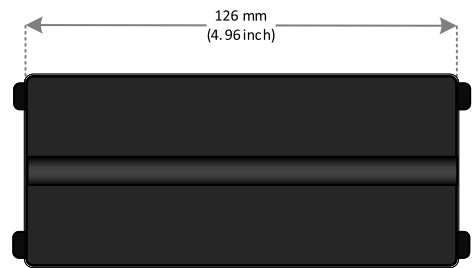
Front Panel View



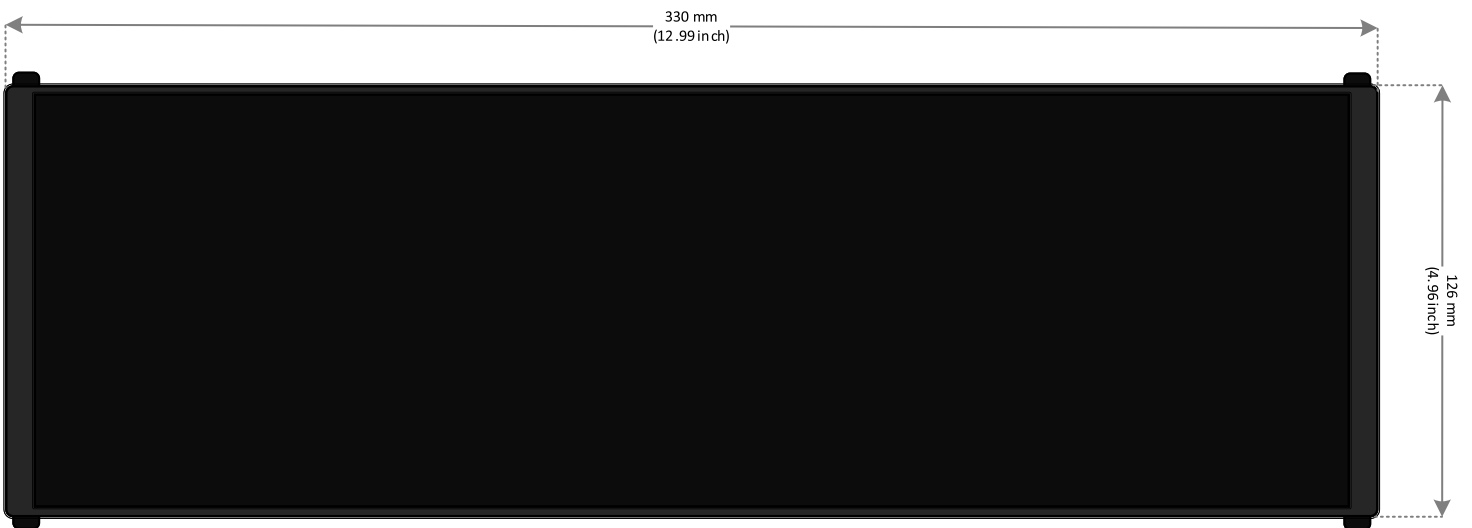
Right Panel View



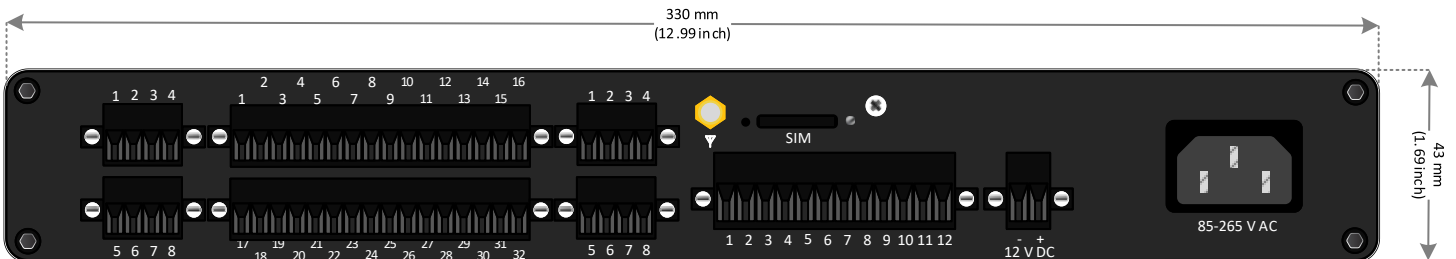
Left Panel View



Top Panel View



Rear Panel View



Head Office

A: Yeşilce Mh. Doğa Sk. Kökten Plaza No:6 Kat:2 34418 Kağıthane - İstanbul
 T: +90 212 275 73 22 F: +90 212 275 73 66
 E: info@exagate.com

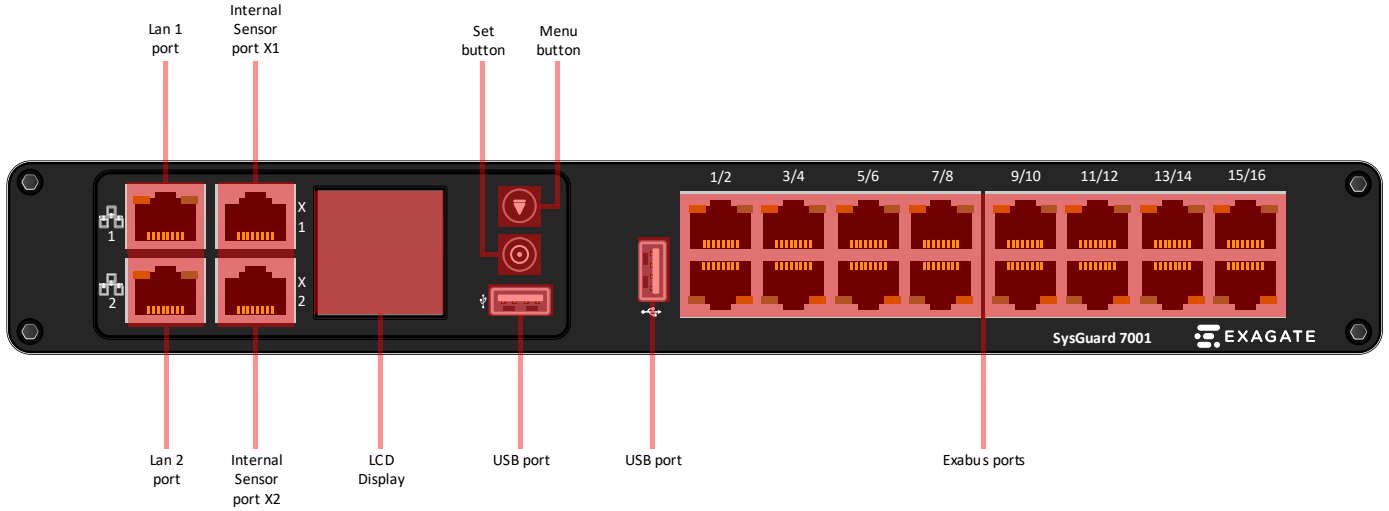
Support

support@exagate.com

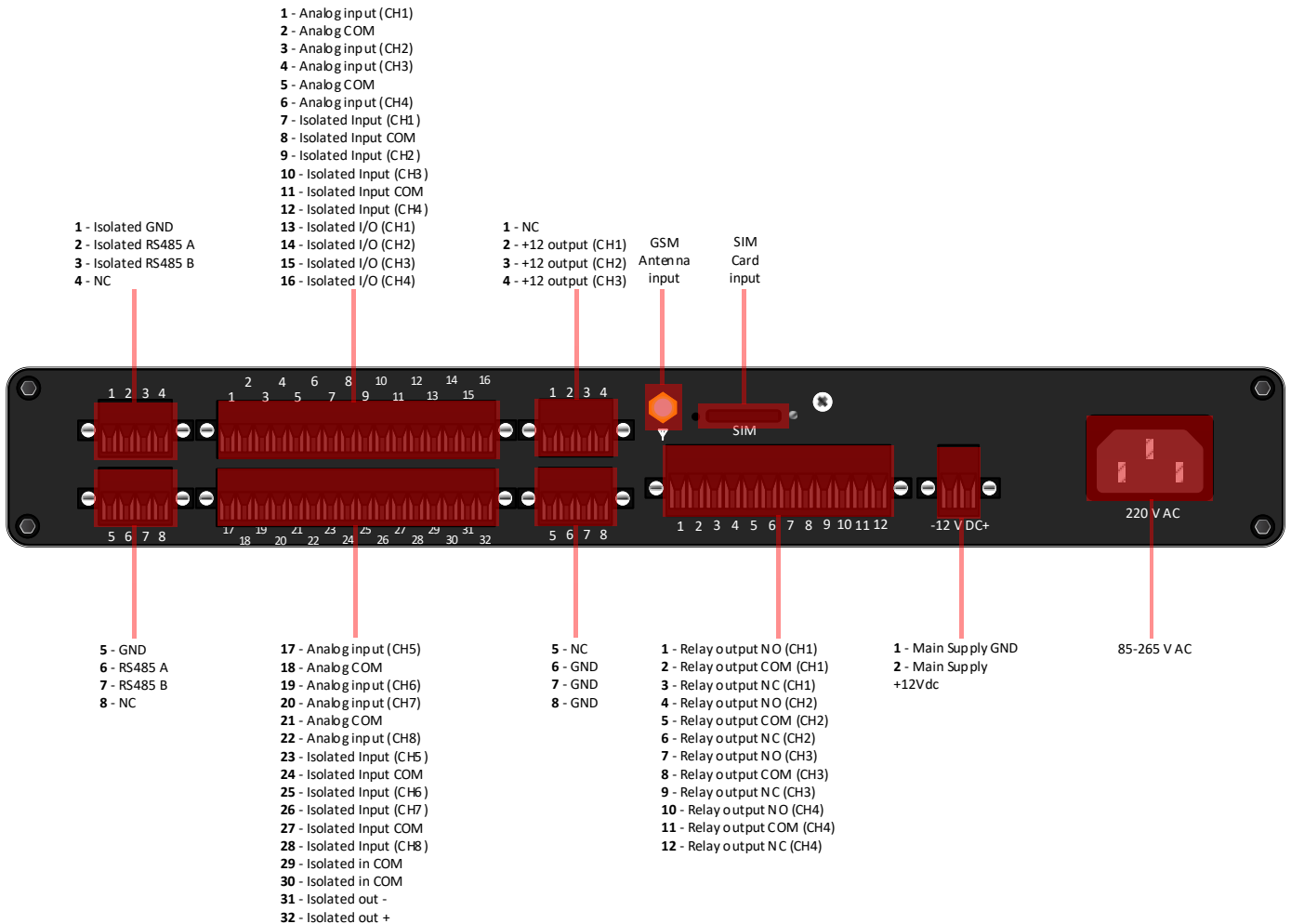


Technical Specifications

Front Panel View



Rear Panel View



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Operational Properties

Power Supply Voltage	10,5 - 14,4 VDC typical 12 VDC
Power Consumption	0,22 - 0,36 A typical 0,24 A 2,64 - 4,62 W typical 2,88 W
Operational Temperature Range	-10 +70 °C
Operational Humidity Range	0 - 90 % Rh
Storage Temperature Range	-40 +85 °C
Storage Humidity Range	0 - 90 % Rh

Physical Properties

Dimensions (H x W x D)	43x330x126 mm 1.69x12.99x4.96 inch
Color	Black
Weight	850 (+/- 5%) grams

Internal Temperature & Humidity Sensor Properties

Temperature Measurement Range	-10 +70
Temperature Measurement Tolerance	+/- 0,2
Temperature Measurement Resolution	0,1
Humidity Measurement Range	0 - 85 % Rh
Humidity Measurement Tolerance	+/- 2 % Rh
Humidity Measurement Resolution	%0,1 Rh
Maximum Distance from Main Unit	3 m

Technical Properties

Power Supply	Redundant power supply function with 1 x 12V DC – 1 x 220V or -48v DC Power supply
CPU	Dual Core 580 Mhz CPU
RAM	128 MB
Storage	4 GB (Up to 16GB with SD Card)
Alert	E-mail (Optional SMS with SYS7001-2G / SMS + Voice Calling with SYSG7001-4G) - SNMP-Trap
Display	128x128 px 256K Color Display
Sensor Inputs	16 x Sensor Inputs (up to 256 with daisy chain) 20 x Configurable Input 8x (Dry contact / Analog Input (0-5V, 0-10V) / Flood detect cable input) 12x (Isolated dry contact / 4 pcs Digital Output(500mA)
Sensor Outputs	4 x Relay Outputs (N/O – N/C max 5A)
	2 x RS485 (1 pcs Isolated)
	1 x 12V DC Output (for external sensors)
Communication	Optional 2G Module (SMS)
	Optional 4G Module (SMS – Voice Calling) and Network Back-up function
	2 x Ethernet Port (redundant)
	2 x USB port
	HTTPS-MODBUS TCP – SNMP – MQTT

Software Properties	Supports 256 pcs sensors connection on one SYSG7001
	Electricity meter can be connected directly to the SYSG7001
	Modbus devices with RS-485 output can be connected directly to the SYSG7001 also their values can be monitored and alarmed.
	SYSG7001 can be used RS485 to Ethernet converter

PRODUCT SKU #	BARCODE #	P/N	DESCRIPTION
SYSG7001	8697270920057	7270MU12006	MAIN UNIT

LIMITED PRODUCT WARRANTY

All Exagate products are covered with 2 years limited guarantee from the date of original purchase. (Warranty duration may change depending on your country) Your sales or delivery receipt, showing the date of purchase of product is your proof of purchase. Exagate is obliged to repair or replace the defective hardware (or any part of it's) with no charge to owner.

Conditions Void of Warranty

- Damages on unit, cable or screen.
- Defections due to electrical wiring and/or city network.
- Interference to unit by non-authorized staff.
- Any problems caused by act of nature.
- Misusage of unit stated by the user manual.
- Removal or destruction of serial number, warranty labels.
- Any kind of modifications on unit.