



Pemosa

ACCESS CONTROL AND RACK MONITORING

5.PRODUCTOS PARA MONITORIZACIÓN Y CONTROL DE SALAS TÉCNICAS

2020-2021

Sistemas de monitoreo ambiental

Unidades de distribución de energía

Sensores digitales, analógicos e inalámbricos

Medidores AC / DC

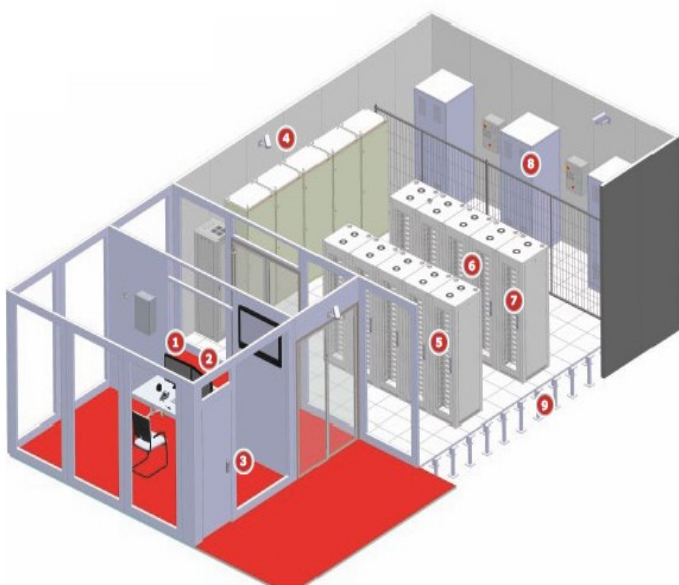
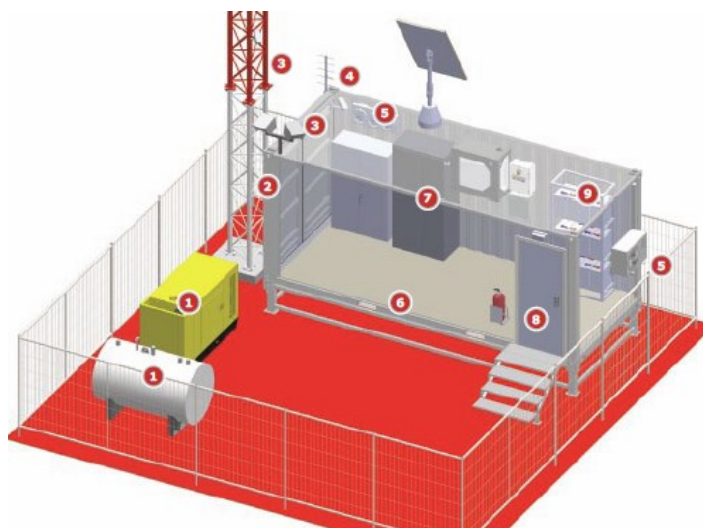
Para:

***Centros de datos**

***Telecomunicaciones**

***IT SOHO**

	Temperatura
	Humedad
	Fuga de Agua
	Flujo de Aire
	Accesos
	Niveles de Agua
	AC/DC
	Humos y Fuego
	Wireless
	Camaras
	Alarmas Sonido
	Luz Alarmas
	Contactos secos Entrada
	Contactos Secos Salida
	Relé de potencia
	Salida 12V
	Tomas Corriente
	Silbido
	Vibraciones
	Detección
	Convertidores

**Solución de monitorización de racks****DATACENTER MONITORING****Telecommunication BTS Site Solution****A S O M E P**
Monitoring & Control Systems



ARSVT960&ARSVT960DC/Corporate Monitoring Units

The units are used for control of multi dry contacts premises, temperature, humidity, voltage, leakage, smoke, airflow, doors control. Can control up to 120 Dry contacts and use 1000 different elements - notifications, triggers, timers, logics, sensors, dry contacts.

Connectable Devices

- Analog, 1-Wire sensors; AC / DC meters; IP, USB, Analog Cameras; Reader; SATA; LTE modem/router; 12V devices and etc.

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- LTE, Web, SNMP, manually via SMS (using external USB modem)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Web interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic
- IP cameras view panel
- Event log

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Support & Origin

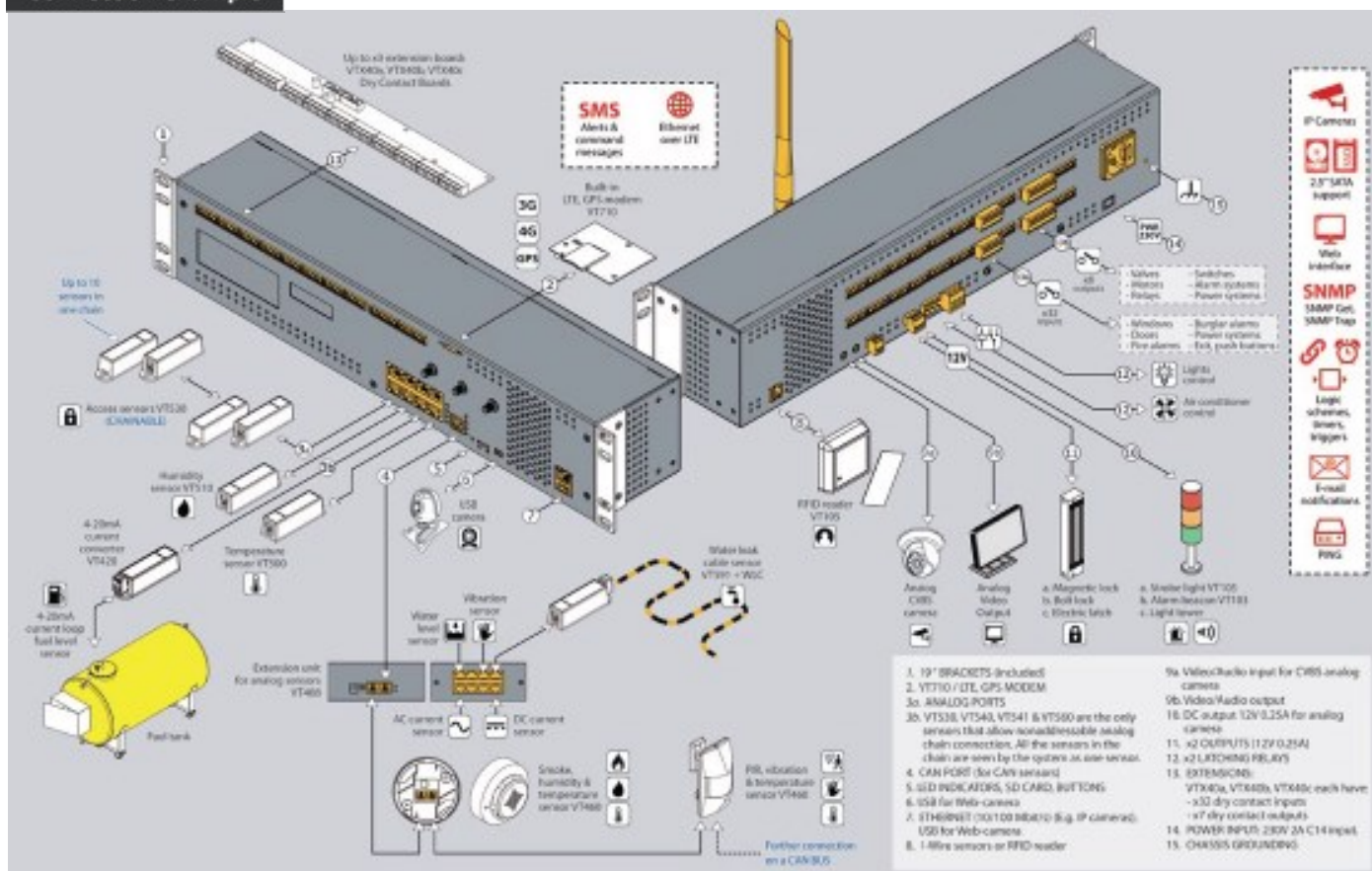
- 2 Year warranty (extended possible)
- Manufactured in E.U.

CEE
Made in CEE

Processor & OS	Dual-core ARM Cortex-A7 / 1GHz / 1GB / Debian Linux	Other connectors	USB (for camera, modem or Flash)
Inputs	<ul style="list-style-type: none"> Up to 120 dry contacts inputs and outputs; 8 analog ports for sensors; digital CAN bus for sensors; HS USB & USB AV video / audio 1-Wire (iTouch reader); 	Power requirements	DC 48V or C14, 240V, 10A
Outputs	<ul style="list-style-type: none"> two 12V 0,25A outputs; two latching relays AV video / audio 	Power consumption	3-10 Watt, 0.12 A
Network Interface	Ethernet port 10-100 Mbit/s	Expansion devices (ordered separately)	<ul style="list-style-type: none"> 2,5" SATA (HDD or SSD) LTE modem/router AR710 Up to x3 boards of ARX40 / Dry contacts board ARSVT10 / 1-Wire Board
		Built-in sensors	Temperature sensor (1%)
		Operating temperature	Min. -10° C - Max.80° C
		Other	SD card slot

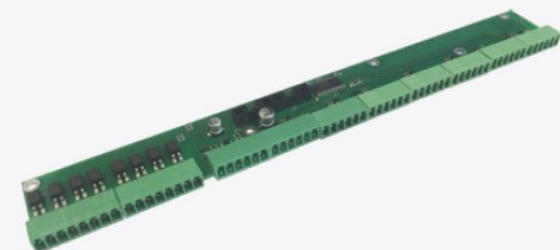


Connection example



Extension: Internal LTE, GPS modem

- Provides Ethernet over LTE;
- Can work as a router;
- Adds time over GPS;
- Allows to receive and send messages;



Extensions: Dry Contact Boards

For doors, windows, fire-alarms, burglar alarms, power systems, circuit breakers, exit / push buttons and etc

• ARSVTX40a for Bank A; ARSVTX40b for Bank B; ARSVTX40c for Bank C;

• ARSVTX40a replaces default ARSVTX16 board in Bank A;

- Each ARSVTX40 has: + 32 dry contact inputs
+ 8 isolated dry contact outputs.



Internal 2.5" SATA support

Ordered separately. Possible to use 2.5" HDD or SSD. Used for:

- Saving logs of sensor data for analysis and evaluation;
- Record digital video and audio to remote servers or internal SATA drive. Stream video directly to the operator via analog or through a web interface.
- Linux based software. For example, NMS SNMP built in client, database, SMS server;



ARSVT900 & ARSVT900DC/BTS Monitoring Units

The unit is used for temperature, humidity, voltage, leakage, smoke, airflow, doors control in the server rooms, for monitoring of cabinets and facilities. Can use up to 1000 different elements - notifications, triggers, timers, logics, sensors, dry contacts.

Connectable Devices

- Analog, 1-Wire sensors; AC / DC meters; IP, USB, Analog Cameras; Reader; SATA; LTE modem/router; 12V devices and etc.

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- LTE, Web, SNMP, manually via SMS (using external USB modem)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Web interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic
- IP cameras view panel
- Event log

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Support & Origin

- 2 Year warranty (extended possible)
- Manufactured in E.U.

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Made in CEE

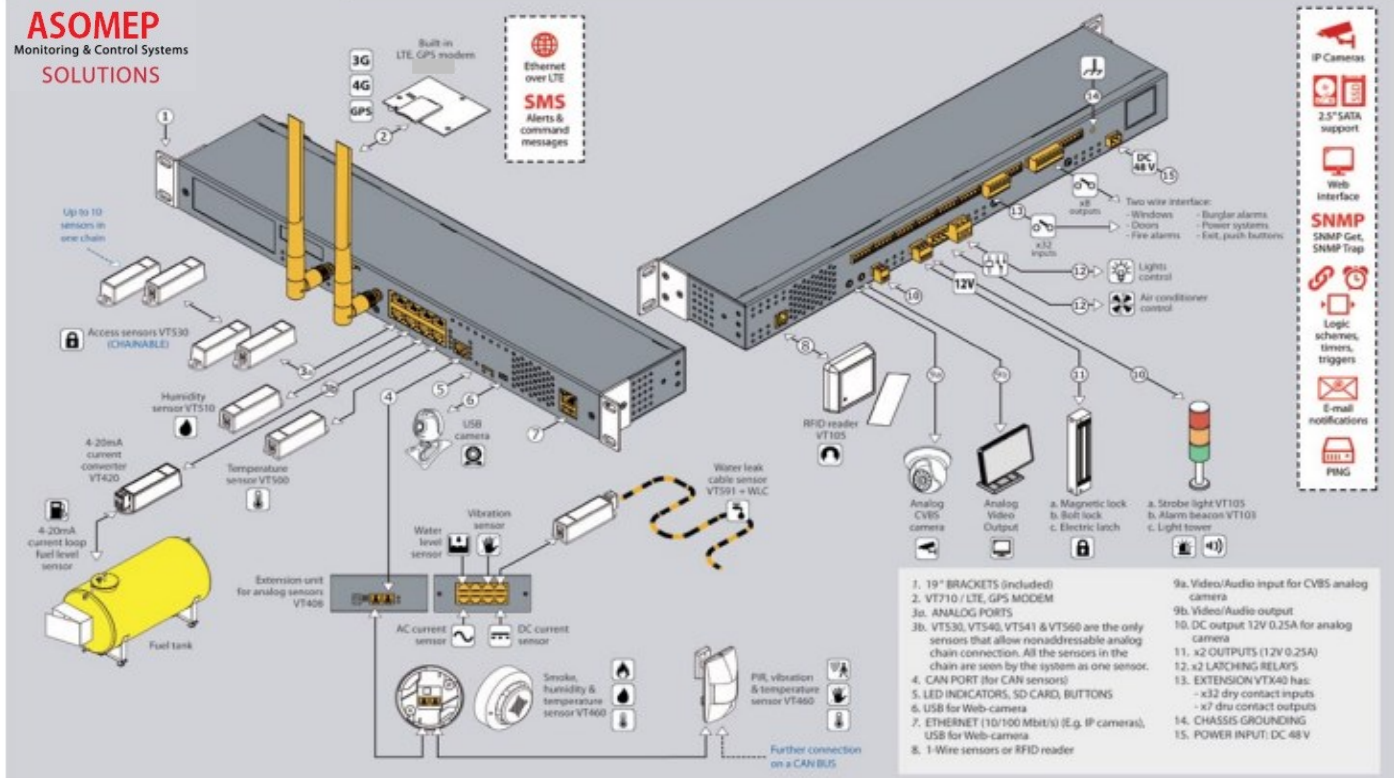
Processor & OS	Dual-core ARM Cortex-A7 / 1GHz / 1GB / Debian Linux
Inputs	<ul style="list-style-type: none"> - Up to 40 dry contacts inputs and outputs; - 8 analog ports for sensors; - digital CAN bus for sensors; - HS USB & USB - AV video / audio - 1-Wire (iTouch reader);
Outputs	<ul style="list-style-type: none"> - two 12V 0,25A outputs; - two latching relays - AV video / audio
Network Interface	Ethernet port 10-100 Mbit/s

Other connectors	USB (for camera, modem or Flash)
Power requirements	DC 48V or C14, 240V, 10A
Power consumption	3-10 Watt, 0.12 A
Expansion devices (ordered separately)	<ul style="list-style-type: none"> - 2,5" SATA (HDD or SSD) - LTE modem/router VT710 ARSVTX40 / Dry contacts board ARSVT10 / 1-Wire Board
Built-in sensors	Temperature sensor (1%)
Operating temperature	Min. -10° C - Max. 80° C
Other	SD card slot



Connection example

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SOLUTIONS

Extension: Internal LTE, GPS modem

- Provides Ethernet over LTE;
- Can work as a router;
- Adds time over GPS;
- Allows to receive and send messages;



Extension: Dry Contact Board

For doors, windows, fire-alarms, burglar alarms, power systems, circuit breakers, exit / push buttons and etc

- ARSVTX40a for Bank A
- ARSVTX40a replaces default VTX16 board in Bank A;
- ARSVTX40 has: + 32 dry contact inputs
- + 8 isolated dry contact outputs



Internal 2.5" SATA support

Ordered separately. Possible to use 2.5" HDD or SSD. Used for:

- Saving logs of sensor data for analysis and evaluation;
- Record digital video and audio to remote servers or internal SATA drive. Stream video directly to the operator via analog or through a web interface.
- Linux based software. For example, NMS SNMP built in client, database, SMS server;

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Room Guard

ARSVT325

The unit is used for temperature, humidity, voltage, leakage, smoke, airflow, doors control in small facilities. It has built-in temperature sensor, can connect up to 12 sensors and 2 dry contacts, 2 alarm beacons, 1-Wire board, USB modem or USB-cam.

There are built-in servers and agents like HTTP, HTTPS, SNMP v1, 2c, 3, SMTP, Radius, Syslog, FTP, DHCP, Watchdog.

Connectable Sensors

- Analog sensors
- 1-Wire sensors
- AC / DC meters

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- Web, SNMP, manually via SMS (using external USB modem)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Web interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic
- IP cameras view panel
- Event log

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Support & Origin

- 1 Year warranty (extended possible)
- Manufactured in E.U.

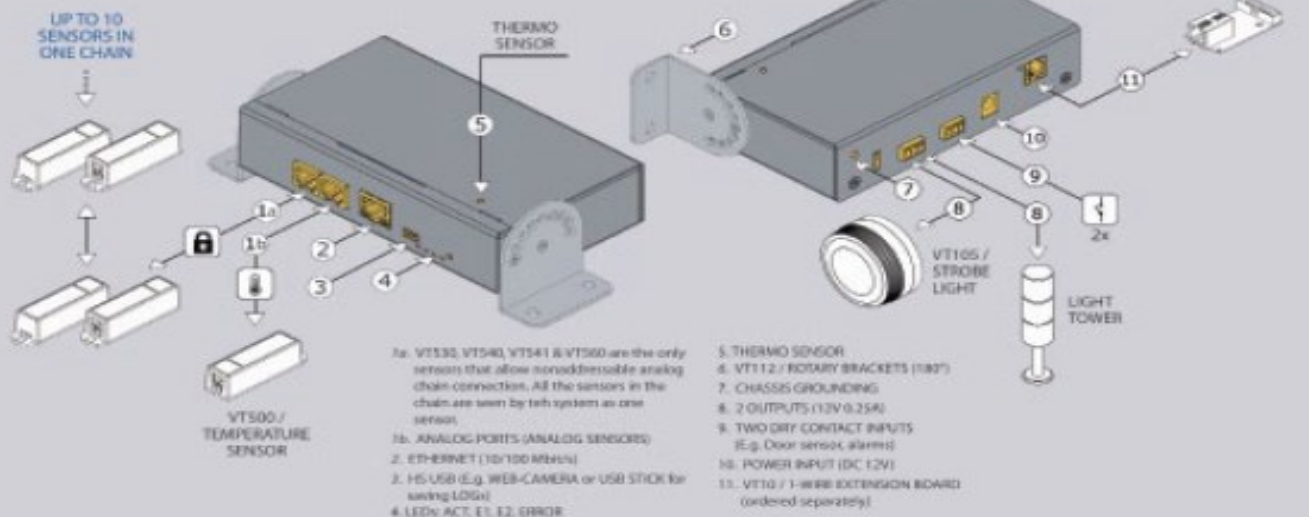
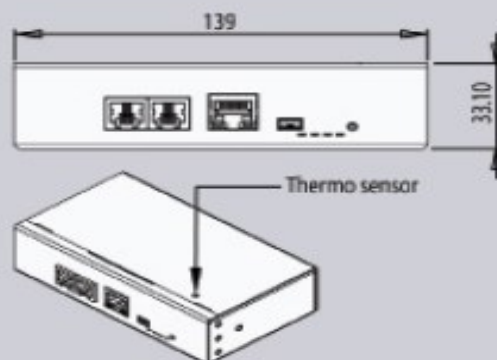
CEE
Made in CEE

Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
ROM	512 Mbit NAND Flash
RAM	64 Mb
Inputs	x2 AutoSense RJ-12 ports x2 dry contact inputs
Outputs	x2 12V 0.25A outputs
LED status Indicators	Power, Network, Relays & Error
Network Interface	Ethernet 10-100 Mbit/s
Other connectors	USB (for camera, modem or Flash)
Power requirements	DC 12V, 1A

Power consumption	3-10 Watt, 0.12 A
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity: Min. 5%, Max. 80% (Non-Condensing)
Mounting	Desktop, Wall mounting using AR112 brackets(ordered separately)
Expansion devices	AR10 / 1-Wire Board (ordered separately)
Weight	0.5 kg
Other	External enclosure earthing

**Connection example****ASOMEP**

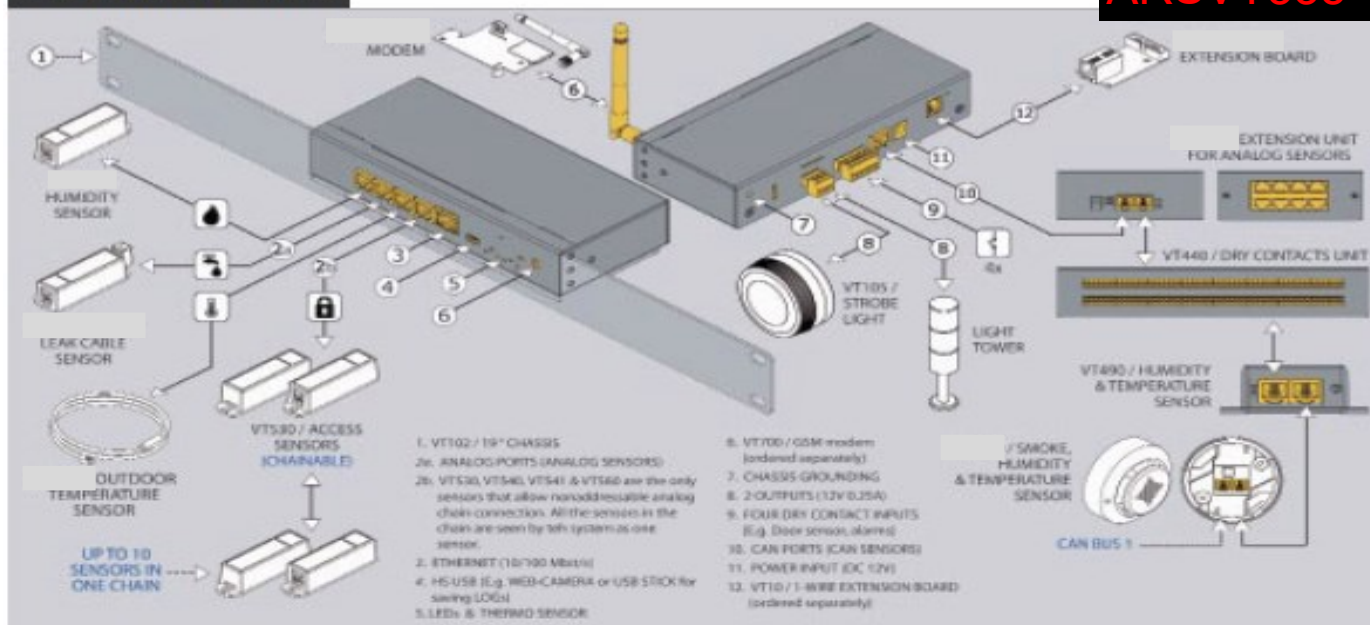
Monitoring & Control Systems

SOLUTIONS**Dimensions****Accessories (ordered separately)****ARSVT112/Rotary brackets****Package includes**

- Monitoring unit
- Power adapter 12V, 1A
- RJ-45 1m patch cable
- Terminal plug 3,5 mm / 3P
- Terminal plug 3,81 mm / 3P
- USB-MiniUSB cable
- Self-adhesive rubber foot - 4 pcs
- Quick manual
- Warranty card

Extension order options (ordered separately)

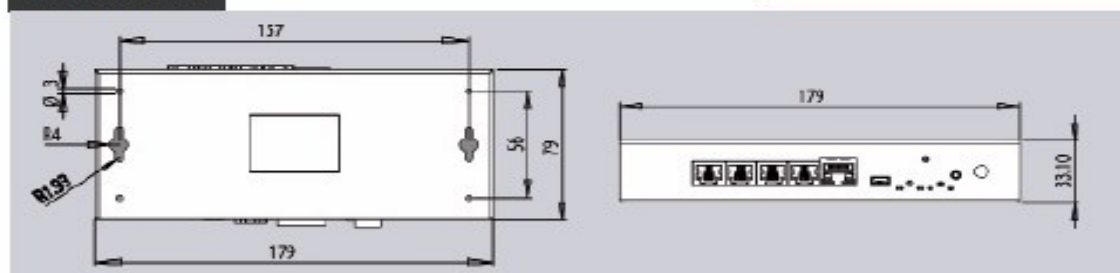
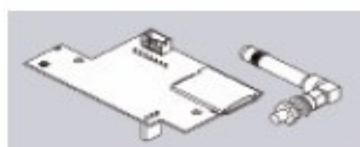
Extension	Info
ARSVT10 / 1-Wire board	Allows to communicate with 1-Wire readers or sensors.

**Connection example****Accessories (ordered separately)**

VT112 / Rotary brackets

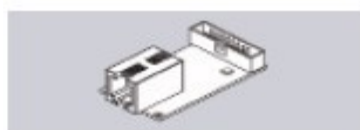
**Package includes**

- Monitoring unit
- Power adapter 12V, 1A
- RJ-45 1m patch cable
- Terminal plug 3,5 mm / 6P
- Terminal plug 3,8 mm / 3P
- USB-Mini to USB cable
- Self-adhesive rubber foot - 4 pcs
- Quick manual
- Warranty card
- 19" bracket

Dimensions**Extension order options (ordered separately)****Extension****Info**

ARSVT700/GSM modem

Needed when LAN is absent for sending SMS and voice messages.

**Extension****Info**

ARSVT10 / 1 Wire board

Allows to communicate with 1-Wire readers or sensors.



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BTS Monitoring unit

ARSVT335DC

VT335 DC is used for environment monitoring (room temperature, humidity, leakage, voltage, vibration, access, smoke, ...), notifications (SMS, SNMP, E-mail, Video, Alarm beacons) and control of cabinets, data centers, outdoor cabinets, telecom sites and other mission critical facilities.

Connectable Sensors

- Analog sensors
- 1-Wire sensors
- CAN digital sensors
- AC / DC meters

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- Web, SNMP
- Manually via SMS, Ethernet access using GPS (LTE, GPS modem is ordered separately)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Web Interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic
- IP cameras view panel
- Event log

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Support & Origin

- 2 Years warranty (extended possible)
- Manufactured in E.U.

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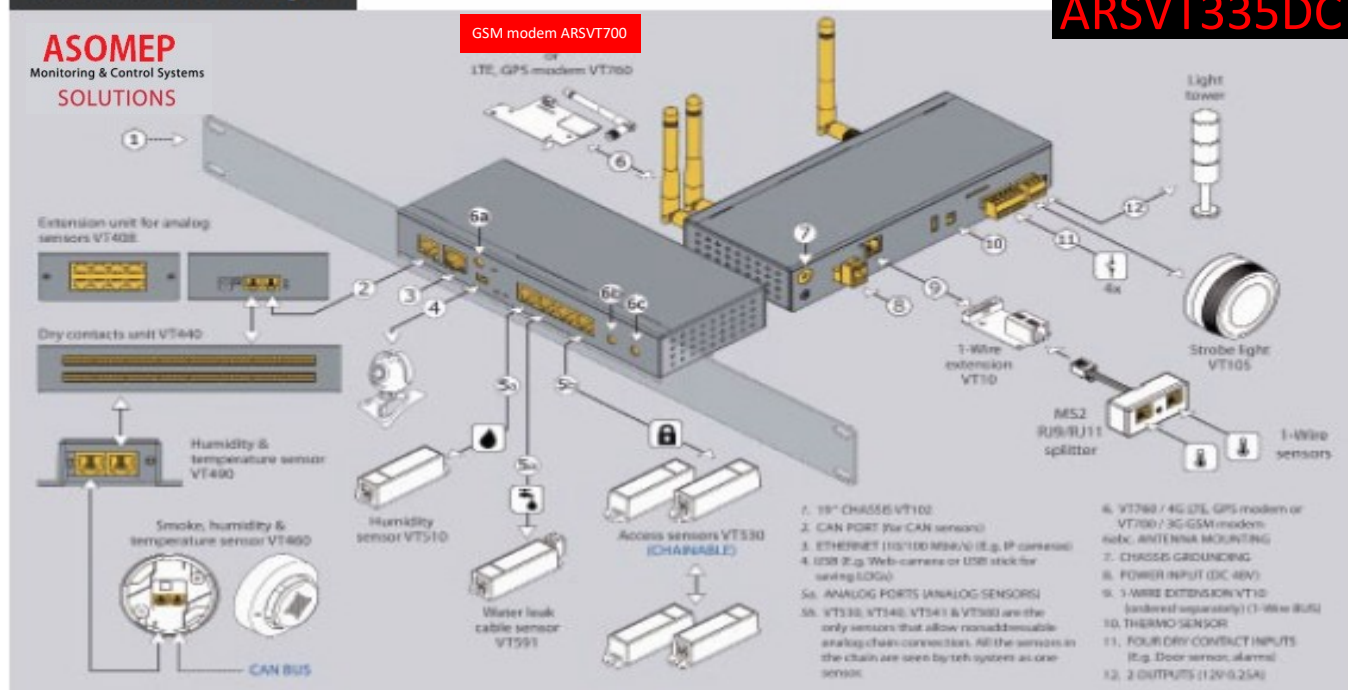
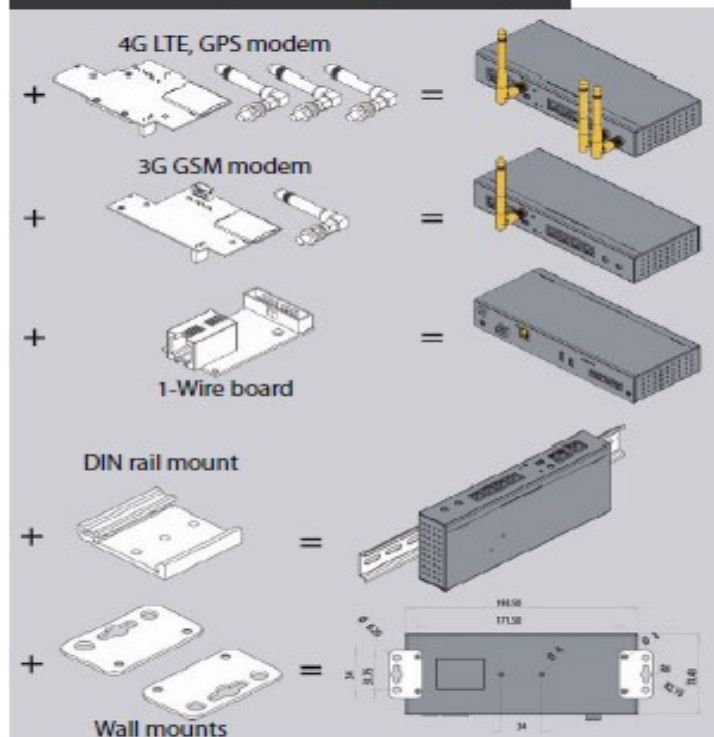
Made in CEE

Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
ROM	512 Mbit NAND Flash
RAM	64 Mb
Inputs	x4 AutoSense RJ-12 ports x4 dry contact inputs
Outputs	x2 12V 0.25A outputs
LED status indicators	Power, Network, Relays & Error, CAN
Network Interface	Ethernet 10-100 Mbit/s
Built-in sensors	Embedded temperature sensor
Other connectors	USB (for camera, modem or Flash)

Power requirements	DC 48V, 120mA
Power consumption	6 Watt
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity : Min. 5%, Max. 80% (Non-Condensing)
Mounting	Desktop, 19" mounting Wall mount (AR112 extensión)
Weight	1.2 kg
Other	External enclosure earthing
Dimensions	194 x 80 x 33 mm

**Connection example****ARSVT335DC****ASOMEP**Monitoring & Control Systems
SOLUTIONS

GSM modem ARSVT700

or
LTE, GPS modem VT760**Accessories (ordered separately)****ARSVT700/3G GSM modem**

Needed when LAN is absent for sending SMS and voice messages.

ARSVT760/4G LTE modem

Adds ethernet access using GPS & adds option to send SMS and voice messages. (Available September 2018!)

ARSVT10/1 Wire board

Allows to communicate with 1-Wire readers or sensors.

DIN rail mount

Allows to mount the unit on DIN rail.

Wall mounts

Allows to mount the unit on the wall.

Package includes

- Monitoring unit
- RJ-45 1m patch cable
- Terminal plug 5.08 mm / 2P
- Terminal plug 3,5 mm / 6P
- Terminal plug 3,8 mm / 3P
- USB-Mini to USB cable
- Self-adhesive rubber foot - 4 pcs
- Quick manual
- Warranty card

**ASOME P**
Monitoring & Control Systems
SOLUTIONS**RMS ARSVT805+**

The unit is used for environmental control in different facilities. Can connect up to 30 sensors, 4 dry contacts, two 12V alarm beacons, GSM modem, USB camera, four IP cameras, SD card for logs, 1-Wire board with 1-Wire sensors. Has a built-in web interface & supports protocols like HTTP, HTTPS, SNMP v1, 2c, 3, SMTP, Radius, Syslog and other.

Connectable Sensors

- Analog sensors
- CAN sensors
- AC / DC meters
- 1-Wire sensors

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Support & Origin

- 2 Year warranty (extended possible)
- Manufactured in E.U.

Device management

- Web, SNMP, manually via SMS (using external USB modem)

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Web interface

- Outlet management panel
- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic
- IP cameras view panel
- Event log

Extensions

- **GSM modem ARSVT700**

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
ROM	512 Mbit NAND Flash
RAM	64 Mb
Inputs	x8 AutoSense RJ-12 ports x4 dry contact inputs CAN open port for CAN sensors
Outputs	x2 12V 0.25A outputs
LED status indicators	Power, Network, Relays, Error, CAN
Network interface	Ethernet 10-100 Mbit/s
Built-in sensors	Temperature sensor (1%) Power supply voltage sensor (1%)
Other	External enclosure earthing

Other connectors	USB (for camera, modem or Flash) SD slot for saving logs
Power requirements	DC 12V, 1A
Power consumption	10 Watt
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity : Min. 5%, Max. 80% (Non-Condensing)
Mounting	Desktop (rubber feet included), 19" mounting, Wall mount Rotating brackets (AR112 extensión)
Weight	1.3 kg
Dimensions	188 x 44 x 79 mm

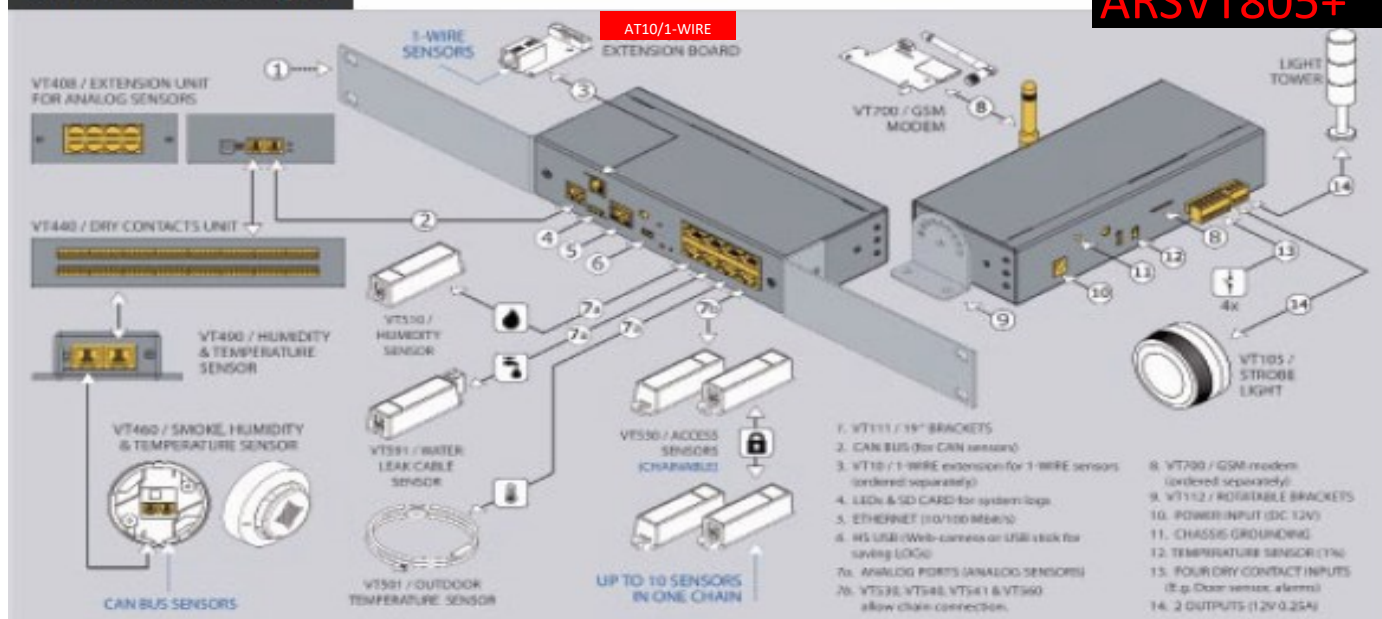


CONTROLES Y CENTRALES

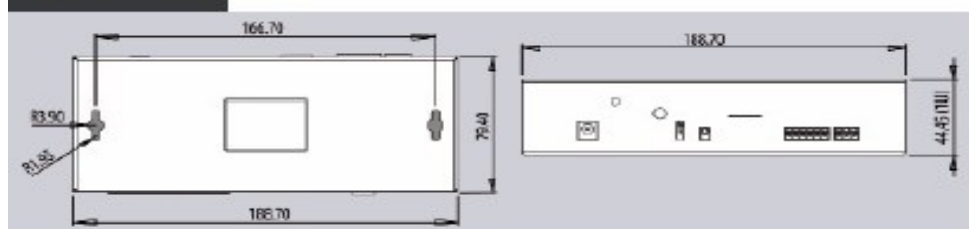
A S O M E P
 Monitoring & Control Systems

ARSVT805+

Connection example



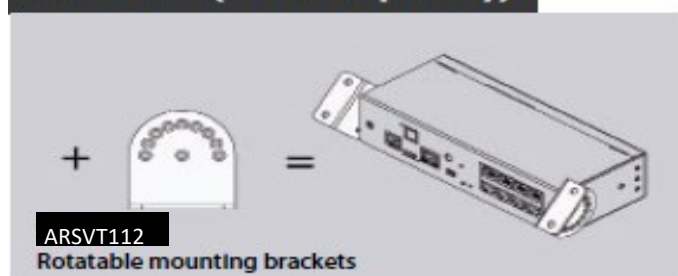
Dimensions



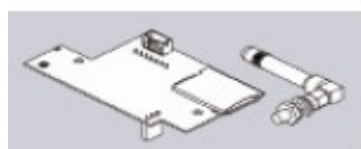
Package includes

- 12 V adapter
- RJ-45 1 meter patch cable
- x4 Rubber foot
- Quick guide
- Terminal plug 6 pins, 3.5 mm - 1 pcs
- 3.81 mm - 1 pcs
- Warranty card
- 19\"

Accessories (ordered separately)



Extension order options (ordered separately)

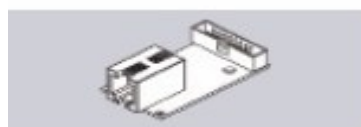


Extension

Info

ARSVT700/3G GSM modem

Needed when LAN is absent for sending SMS and voice messages.



Extension

Info

ARSVT10/1 Wire board

Allows to communicate with 1-Wire readers or sensors.

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CONTROLES Y CENTRALES

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Monitoring & Control SystemsASOME P
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SOLUTIONS

Monitoring Unit ARSVT825+



La unidad se utiliza en centros de datos, instalaciones industriales y remotas, oficinas. Puede conectar hasta 30 sensores, 12 contactos secos, dos balizas de alarma de 12V, módem GSM, USB-cam, tarjeta SD, placa de 1 cable (en lugar de AR18) para la conexión del lector. Hay servidores y agentes integrados como HTTP, HTTPS, SNMP v1, 2c, 3, SMTP, Radius, Syslog, FTP, DHCP, Watchdog.

Connectable Sensors

- Analog sensors
- CAN sensors
- 1-Wire sensors
- AC / DC meters

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- Web, SNMP, manually via SMS (using external USB modem)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Web Interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Extensions

- GSM modem ARSVT700
- Extension board ARSVT10

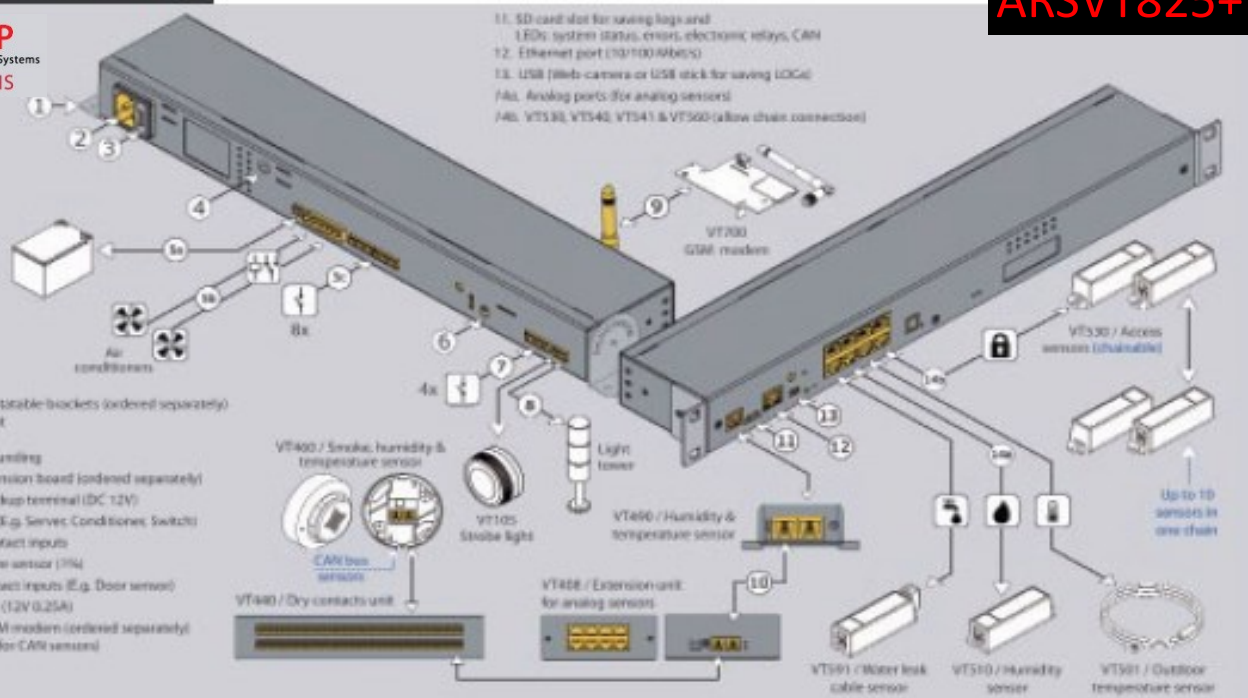
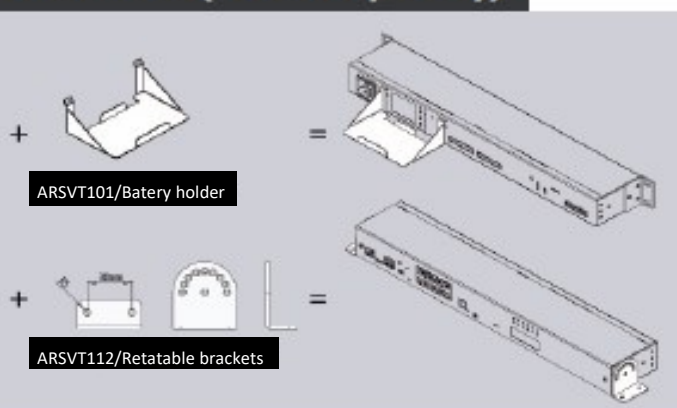
Support & Origin

- 2 Year warranty (extended possible)
- Manufactured in E.U.

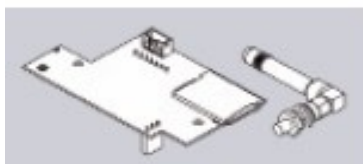
CEE
Made in CEE

Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
Memory	ROM: 512 Mbit NAND Flash, RAM 64 Mb
Inputs	CAN open port for digital sensors x8 AutoSense RJ-12 ports x12 dry contact inputs
Outputs	x2 12V 0.25A outputs x2 loads (latching relays with LEDs indicators)
LED status indicators	Power, Network, Relays & Error, CAN
Network Interface	Ethernet 10-100 Mbit/s
Built-in sensors	Temperature sensor (1%) Power supply voltage sensor (1%)
Other connectors	USB (for camera, modem or Flash)

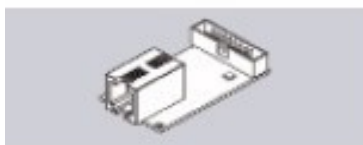
Power requirements	90-240V, IEC C14, Fuse 2A
Power consumption	12 Watt, 2 A
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity: Min. 5%, Max. 80% (Non-Condensing)
Dimensions	440 x 44.45 x 79.4 mm
Mounting	19" Rack mount (1U), Desktop (Rubber foot included) Wall mounting using AR112
Expansion devices	ARSVT10 / 1-Wire Board (ordered separately)
Weight	1.5 kg
Other	External enclosure earthing, 12V DC power backup terminal

**Connection example****ARSVT825+****ASOMEP**Monitoring & Control Systems
SOLUTIONS**Accessories (ordered separately)****Package includes**

- 19" rack brackets - 2 pcs
- M3 x 8 Phillips flat-head screws - 6 pcs
- EU Schuko C13 0.5 MM2 230V 10A cable
- RJ-45 1m patch cable
- Self-adhesive rubber foot - 4 pcs
- Terminal plug 3 pins, 3.81 mm - 1 pcs
- Terminal plug 3 pins, 3.5 mm - 1 pcs
- Short description and connection guide
- Warranty card

**Extension order options (ordered separately)****Extension****Info****ARSVT700/GSM modem**

Needed when LAN is absent for sending SMS and voice messages.

**Extension****Info****ARSVT10/1 Wire board**

Allows to communicate with 1-Wire readers or sensors. (Installed instead of VT18)

ASOME P
Monitoring & Control Systems
SOLUTIONSTelecom Monitoring Unit **ARSVT825**

La unidad se utiliza en centros de datos, instalaciones industriales y remotas, oficinas. Puede conectar hasta 30 sensores, 12 contactos secos, dos balizas de alarma de 12V, módem GSM, USB-cam, tarjeta SD, placa de 1 cable (en lugar de AR18) para la conexión del lector. Hay servidores y agentes integrados como HTTP, HTTPS, SNMP v1, 2c, 3, SMTP, Radius, Syslog, FTP, DHCP, Watchdog.

Connectable Sensors

- Analog sensors
- CAN sensors
- 1-Wire sensors
- AC / DC meters

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- Web, SNMP, manually via SMS (using external USB modem)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Web Interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Extensions

- GSM modem
- Extension board

Support & Origin

- 2 Year warranty (extended possible)
- Manufactured in E.U.

CEE
Made in CEE

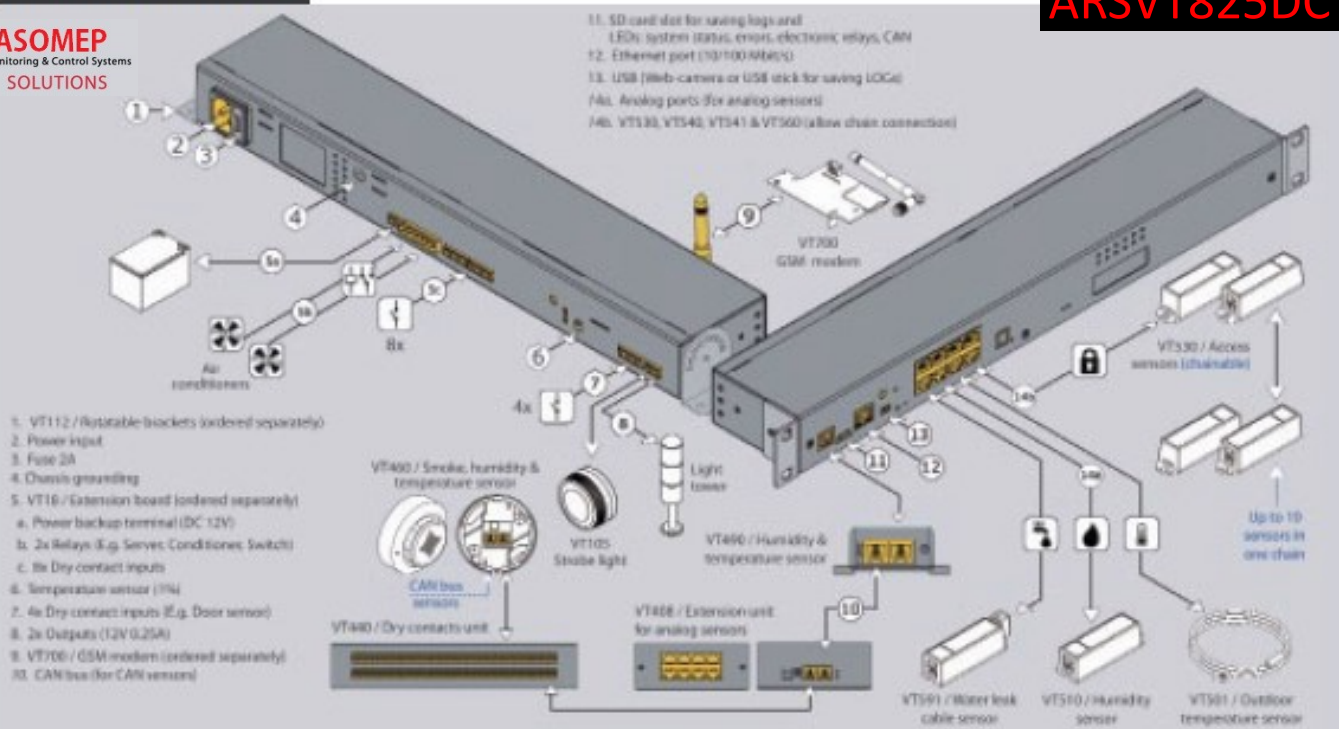
Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
Memory	ROM: 512 Mbit NAND Flash, RAM 64 Mb
Inputs	CAN open port for digital sensors x8 AutoSense RJ-12 ports x12 dry contact inputs
Outputs	x2 12V 0.25A outputs x2 loads (latching relays with LEDs indicators)
LED status Indicators	Power, Network, Relays & Error, CAN
Network Interface	Ethernet 10-100 Mbit/s
Built-in sensors	Temperature sensor (1%) Power supply voltage sensor (1%)
Other connectors	USB (for camera, modem or Flash)

Power requirements	90-240V, IEC C14, Fuse 2A
Power consumption	12 Watt, 2 A
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity: Min. 5%, Max. 80% (Non-Condensing)
Dimensions	440 x 44.45 x 79.4 mm
Mounting	19" Rack mount (1U), Desktop (Rubber foot included) Wall mounting using AR112
Expansion devices	1-Wire Board (ordered separately)
Weight	1.5 kg
Other	External enclosure earthing, 12V DC power backup terminal

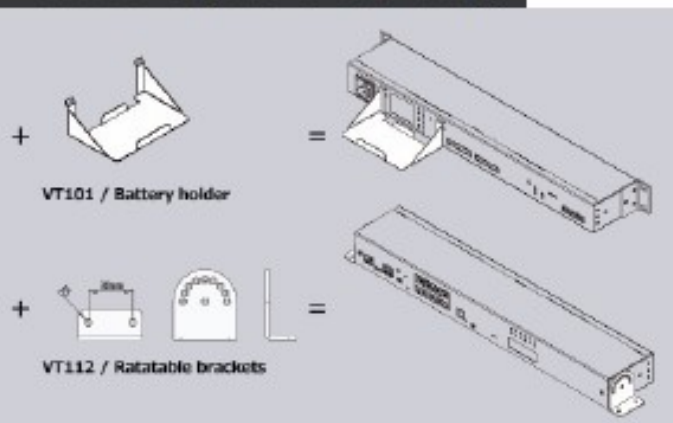


Connection example

ARSVT825DC

ASOMEP
Monitoring & Control Systems
SOLUTIONS

Accessories (ordered separately)



Package includes

- 19" rack brackets - 2 pcs
- M3 x 8 Phillips flat-head screws - 6 pcs
- EU Schuko C13 0.5 MM2 230V 10A cable
- RJ-45 1m patch cable
- Self-adhesive rubber foot - 4 pcs
- Terminal plug 3 pins, 3.81 mm - 1 pcs
- Terminal plug 3 pins, 3.5 mm - 1 pcs
- Short description and connection guide
- Warranty card

Extension order options (ordered separately)

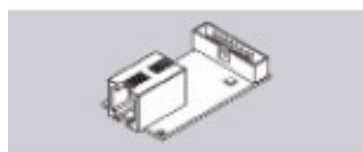


Extension

Info

ARSVT700/GSM modem

Needed when LAN is absent for sending SMS and voice messages.



Extension

Info

ARSVT10/1 Wire board

Allows to communicate with 1-Wire readers or sensors. (Installed instead of VT18)

**Switching PDU** **ARSVT604**

Device is used for load management and allows to switch on/off or reboot up to 4 outlets. It has built-in temperature sensor, two ports for analog sensors, two dry contacts, two 12V outputs for devices (for example, alarm beacons), USB port for camera, a slot for GSM modem and allows to connect up to 4 IP cameras.

Connectable Sensors

- Analog sensors
- CAN sensors
- AC / DC meters

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Device management

- Web, SNMP, manually via SMS (using external USB modem)

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Web interface

- Outlet management panel
- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic
- IP cameras view panel
- Event log

Extensions

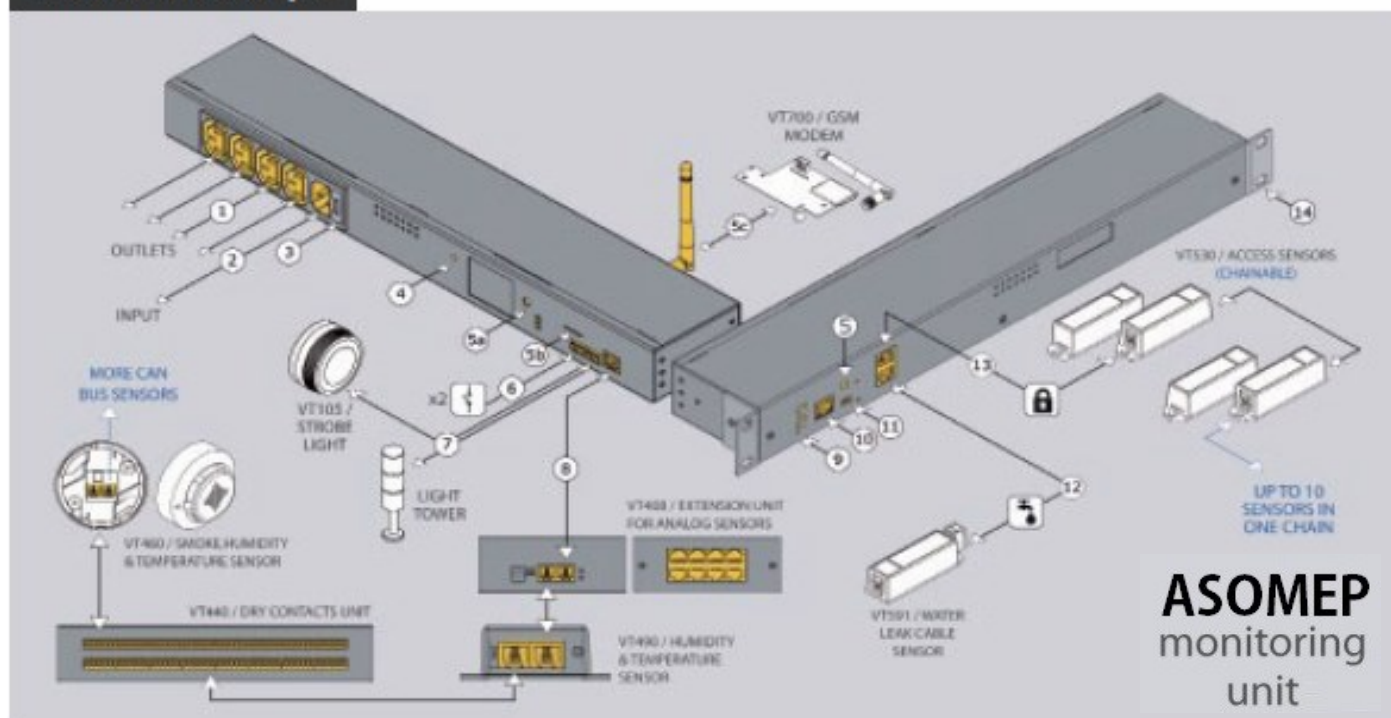
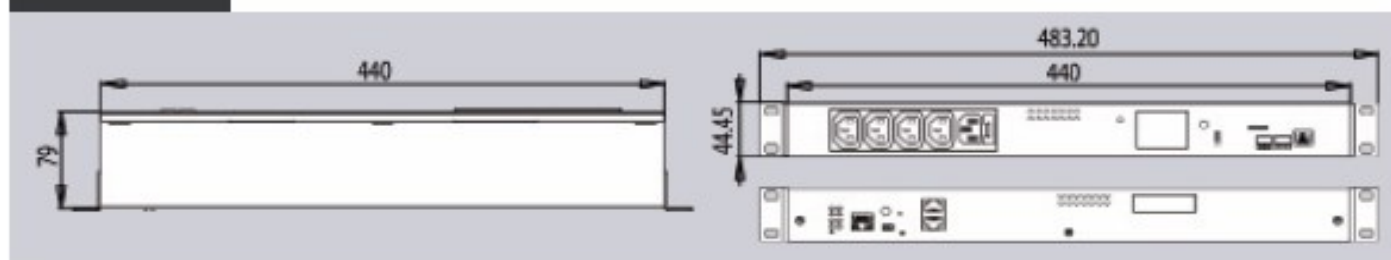
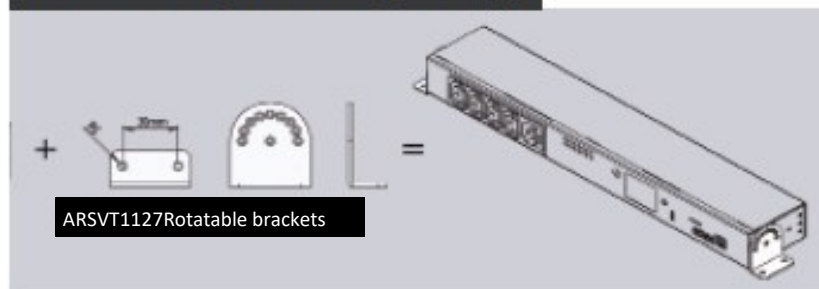
- GSM modem **ARSVT700**

Support & Origin

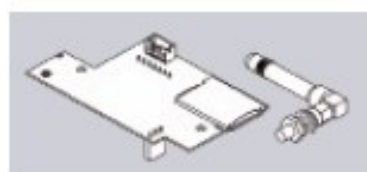
- 2 Year warranty (if possible)
- Manufactured in E.U.

Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
ROM	512 Mbit NAND Flash
RAM	64 Mb
Inputs	x2 AutoSense RJ-12 ports x2 dry contact inputs CAN port for digital sensors Power inlet C14 (10A fuse)
Outputs	x4 C13 outlets x2 12V 0.25A outputs
LED status Indicators	Power, Network, Relays, Error, CAN, Outlets
Network Interface	Ethernet 10-100 Mbit/s
Built-In sensors	Temperature sensor (1%) Power supply voltage sensor (1%)

Other connectors	USB (for camera, modem or Flash)
Power requirements	230V, 10A
Power consumption	10 Watt
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity : Min. 5%, Max. 80% (Non-Condensing)
Mounting	19" 1U Rack mount, Desktop (rubber feet included) Wall mounting
Expansion devices	GSM modem
Weight	1.5 kg
Other	External enclosure earthing

**Connection example****Dimensions****Accessories (ordered separately)****Package includes**

- 19" rack brackets - 2 pcs
- M3 x 8 Phillips flat-head screws - 6 pcs
- EU Schuko C13 0.5 MM2 230V 10A cable
- RJ-45 1m patch cable
- Self-adhesive rubber foot - 4 pcs
- Terminal plug 3 pins, 3.81 mm - 1 pcs
- Terminal plug 3 pins, 3.5 mm - 1 pcs
- Short description and connection guide
- Warranty card

Extension order options (ordered separately)**Extension****Info**

ARSVT700/GSM modem

Needed when LAN is absent for sending SMS and voice messages.

**MONITORIZACIÓN CARRIL DIN****A S O M E P**
Monitoring & Control Systems**ARSVT336 / DIN monitoring unit****A S O M E P**
Monitoring & Control Systems

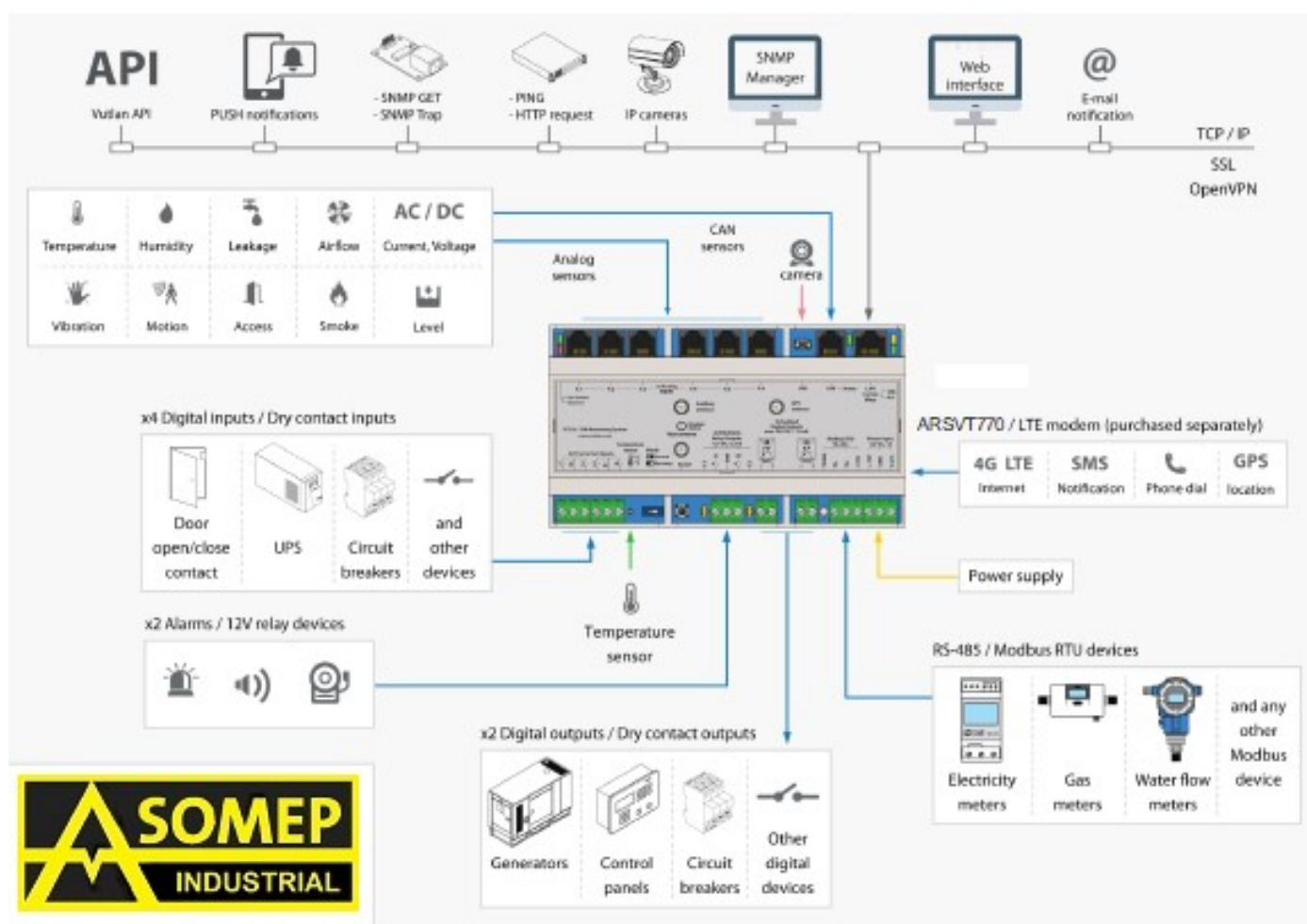
Sistema industrial de monitoreo y control DIN especialmente diseñado para bastidores de montaje en riel DIN. Incluye sensores analógicos x6, bus de sensor CAN, puerto Ethernet, RS-485 / Modbus RTU, entradas digitales x4, relés x2 12V DC 0.25A, salidas digitales x2. Admite una gama completa de sensores y dispositivos.

La extensión "ARSVT770 / LTE, módem GPS" permite el control de SMS, marcación telefónica, ubicación GPS, acceso a Internet.

Las notificaciones incluyen correo electrónico, registro FTP, Syslog, SMTP, trampas SNMP, Web-to-SMS, PUSH.

Los protocolos incluyen DHCP; HTTP; HTTPS; DynDNS; SSL / TLS; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIO; Modbus RTU; OpenVPN.

Los sensores virtuales incluyen PING, temporizadores, disparadores, esquemas lógicos, SNMP GET, cámaras IP x4, elementos matemáticos virtuales y otros.



**MONITORIZACIÓN CARRIL DIN****A S O M E P**
Monitoring & Control Systems**ARSVT336 POE/ DIN monitoring unit**

Sistema industrial de monitoreo y control DIN con PoE (Power over Ethernet) especialmente diseñado para bastidores de montaje en riel DIN. Incluye sensores analógicos x6, bus de sensor CAN, puerto Ethernet, RS-485 / Modbus RTU, entradas digitales x4, relés x2 12V DC 0.25A, salidas digitales x2. Admite una gama completa de sensores y dispositivos.

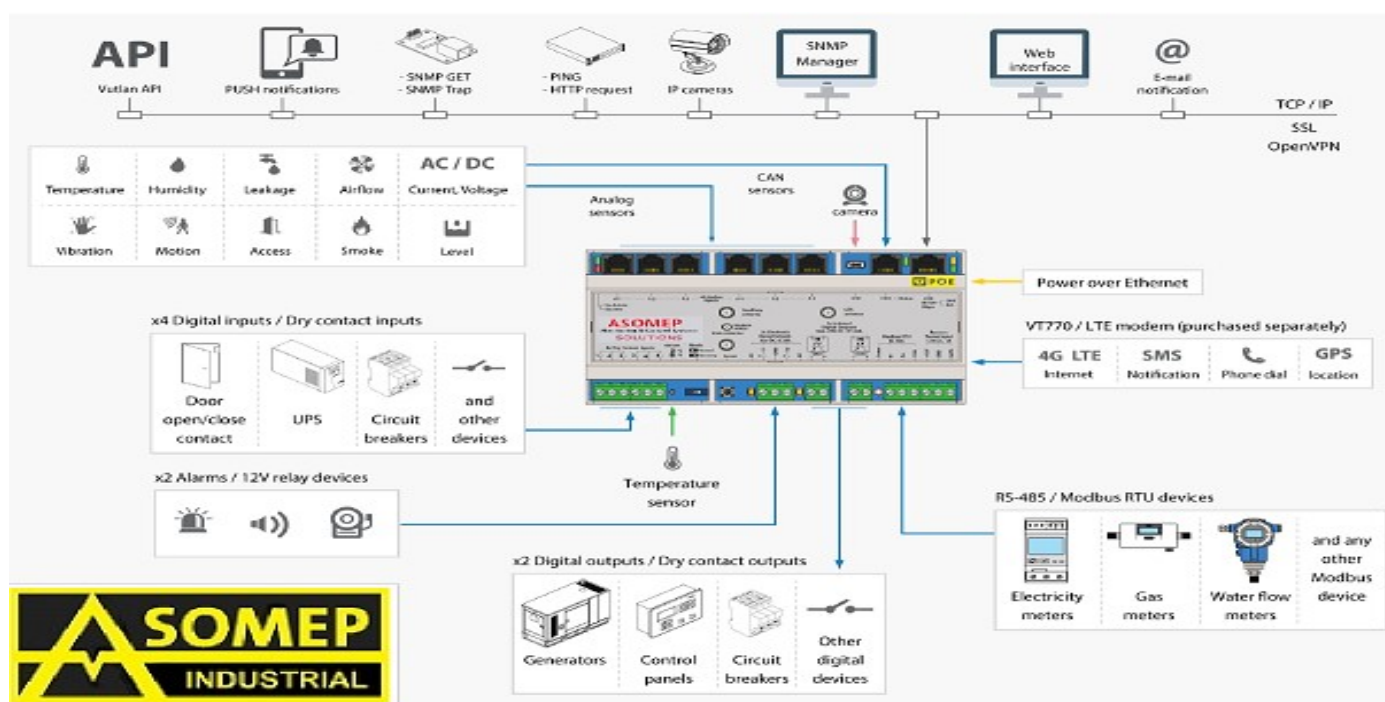
A S O M E P
Monitoring & Control Systems

La extensión "ARS770 / LTE, módem GPS" permite el control de SMS, marcación telefónica, ubicación GPS, acceso a Internet.

Las notificaciones incluyen correo electrónico, registro FTP, Syslog, SMTP, trampas SNMP, Web-to-SMS, PUSH.

Los protocolos incluyen DHCP; HTTP; HTTPS; DynDNS; SSL / TLS; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIO; Modbus RTU; OpenVPN.

Los sensores virtuales incluyen PING, temporizadores, disparadores, esquemas lógicos, SNMP GET, cámaras IP x4, elementos matemáticos virtuales y otros.





UNIDADES DE EXTENSIÓN

A S O M E P
Monitoring & Control Systems

ARSVT10/1 Wire board



Board is mounted and connected inside of ARSVT325-335-805, 825, 825 DC monitoring units. Allows to communicate with 1 Wire readers or sensor

Dimensions	44 x 23 x 15 mm
Weight	50 g
Inputs	1-Wire
Operating temperature	Min. -10 °C, Max. 80 °C

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Network Interface	1-Wire
Status Indicators	1-Wire status LED
Max. distance	100 m
Package Includes	2 screws M3x5, Cable ARSBH216M to ARSBH216M



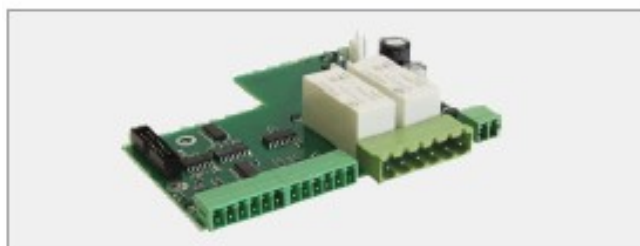
ARSVT11/Dry con-



Switchable contact. Can be used together with equipment, for example for switching ON/OFF air conditioners. Can be connected to units that have alarm outputs 12V.



Input	Two wire terminal pins 3.81mm
Output	Two wire terminal pins 5.08mm
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Operating temperature	Min. -10° C, Max.80°C
Max. distance	200 m
Dimensions	60 x 18 x 18 mm
Weight	60 g



ARSVT18/Extension board



Board is mounted and connected inside of AR825 monitoring unit. Adds x8 dry contacts inputs, x2 loads (latching relays with LEDs indicators) & 12V DC power backup terminal.

Dimensions	83 x 96 x 26 mm
Weight	56 g
Inputs	x8 dry contacts inputs, 12V power backup

Power Input	12V DC, 1A (2P, 3,81mm)
Outputs	Latching relays
Mounting	Embedded inside monitoring unit
Status Indicators	Relays status LEDs
Package Includes	4 screws M3*8, Cable ARSBH216M to ARSBH216M, Terminal plugs, Power cable

**UNIDADES DE EXTENSIÓN****A S O M E P**
Monitoring & Control Systems**ARSVT700/GSM modem**

Can be built in AR3xx, AR8xx monitoring units and switched PDUs. Needed when LAN is absent for sending SMS and voice messages. Power-cycling is included.

Dimensions	60 x 50 x 15 mm
Weight	50 g
Outputs	SMA GSM
Operating temperature	Min. -10 °C, Max. 80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

Outputs	SMA GSM
Mounting	Mounted inside monitoring unit using x3 screws M3*5
Status Indicators	Red / Green Led
Special Features	GSM - 850 / 900 / 1800 / 1900 MHz, Antenna - SMA / U.fl, processor - SIM900D.
Package Includes	Screws, Cable ARSBH216M to ARSBH216M, x1 LTE antenna

**ARSVT710/Internal LTE, GPS modem**

LTE, GPS modem/router. Used with AR900, AR900 DC, AR960, AR960 DC. Provides ethernet over LTE. Allows sending and receiving messages. Additional GPS AR6691 and LTE AR6624 antennas are ordered separately

Dimensions	60 x 45 x 15 mm
Weight	60 g
Outputs	GSM/GPRS/EDGE 900/1800 MHz
Operating temperature	Min. -10 °C, Max. 80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

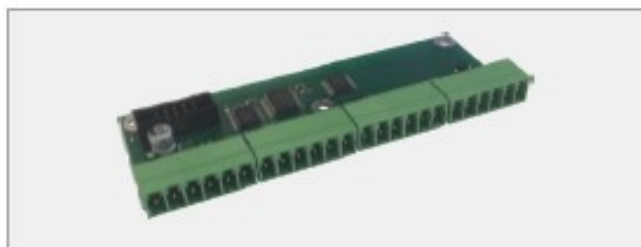
Extension protocols	FDD-LTE B1/B3/B5/B7/B8/B20
Mounting	Mounted inside monitoring unit using x3 screws M3*5
Status Indicators	Red / Green Led
Special Features	Uplink up to 5Mbps - Downlink up to 10Mbps
Device management	AT commands
Package Includes	Screws, Cable ARSBH216M to ARSBH216M, x1 LTE antenna

**ARSVT760/Internal LTE, GPS modem**

Can be built in inside AR335 DC monitoring unit. Adds 4G LTE, GPS connection. Power-cycling is embedded function. Additional GPS AR6691 and LTE AR6624 antennas are ordered separately.

Dimensions	60 x 55 x 15 mm
Weight	60 g
Outputs	GSM/GPRS/EDGE 900/1800 MHz
Operating temperature	Min. -10 °C, Max. 80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

Extension protocols	FDD-LTE B1/B3/B5/B7/B8/B20
Mounting	Mounted inside monitoring unit using x3 screws M3*5
Status Indicators	Red / Green Led
Special Features	Uplink up to 5Mbps - Downlink up to 10Mbps
Device management	AT commands
Package Includes	Screws, Cable ARSBH216M to ARSBH216M, x1 LTE antenna

**UNIDADES DE EXTENSIÓN****A S O M E P**
Monitoring & Control Systems**ARSVTX16/Dry contacts board**

Device mounted and connected inside of AR900, AR900 DC, AR960, AR960 DC master units. 2-wire interface has 16 dry contact inputs. Adds to contacts to bank A. Can be used together with any contacts, for example doors, windows, fire-alarms, burglar alarms, power systems, circuit breakers, exit / push buttons and etc.

Inputs	x16 dry contact inputs
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Operating temperature	Min. -10° C - Max.80° C
Network Interface	2-wire
Device management	Web-interface has "Dry contacts" panel

HS code	8531 10 300
Dimensions	89 x 35 x 11 mm
Weight	42 g
Mounting	Installed inside 900 & 960 unit
Package includes	ARSBH10 bus cable, x4 terminals (6P 3.5mm), 3 screws

**ARSVTX40a/Dry contacts board (Bank A)****ARSVTX40b/Dry contacts board (Bank B)****ARSVTX40c/Dry contacts board (Bank C)**

Device mounted and connected inside of AR900, AR900 DC, AR960, AR960 DC master units. 2-wire interface has x32 dry contact inputs & x8 dry contact outputs. Can be used together with any contacts, for example doors, windows, fire-alarms, burglar alarms, power systems, circuit breakers, exit / push buttons and etc.

Inputs	x32 dry contact inputs x8 isolated dry contact outputs
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Operating temperature	Min. -10° C - Max.80° C
Network Interface	2-wire
Device management	Web-interface has "Dry contacts" panel

HS code	8531 10 300
Dimensions	89 x 35 x 11 mm
Weight	120 g
Mounting	Installed inside 900 & 960 unit
Package includes	ARSBH10 bus cable, x4 terminals (6P 3.5mm), 3 screws



CAN sensors & devices



Dimensions	110 x 40 x 68 mm
Weight	500 g
Inputs	x2 RJ-12 CAN ports x8 6P6C ports for analog sensors
Operating temperature	Min. -10° C, Max. 80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT480/Extension unit



Allows to increase the quantity of sensors connected to any Asokep monitoring unit. Adds up to 8 analog sensors.

Connects on CAN port and allows further CAN chain connection.

Sensors connected to the extension unit appear in the system automatically.

Power Input	12V DC, 1A
Network Interface	CAN open
Mounting	Desktop, Wall mount
Status Indicators	LEDs: Power, Network, CAN
Max. BUS length	225 m
Max. length of analog sensor cables	50-150 m, depends on the sensor type
Package Includes	2 screws M3x5, Cable BH2-16M to BH2-16M



Dimensions	110 x 40 x 68 mm
Weight	500 g
Inputs	x2 6P6C CAN ports, x2 dry contact inputs
Operating temperature	Min. -10 °C, Max. 80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power Input	12V DC, 1A
Network Interface	CAN open

ARSVT430/Rack

Control unit



The module has all possibilities for rack control, PIR sensor for rack door control, 2 contacts for side walls and back door control, temperature and humidity sensors. Connects on CAN port and allows further CAN chain connection.

Sensors and contacts appear in the system automatically.

Mounting	Desktop, Wall mount
Power consumption	1 Watt
Status Indicators	LEDs: Power, Network, CAN
Max. distance	225 m.
Built-In humidity sensor	Range: 0-95% RH Accuracy: 3% RH
Built-In temperature sensor	Temperature: -10 ... +125 °C, Accuracy: ± 0.4°C
PIR sensor	Distance: min. 1 cm., max. 3-4 cm.
Package Includes	Control unit, screws, nuts, cable 2m, self-adhesive rubber foot, terminal plug 3P 3.5mm, mounting bracket, sticker

**CAN sensors & devices****A S O M E P**
Monitoring & Control Systems

Dimensions	215 x 40 x 40 mm
Weight	0.5 kg
Inputs	x32 or x64 dry contacts inputs, x2 6P6C CAN ports
Operating temperature	Min. -10 °C, Max. 80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

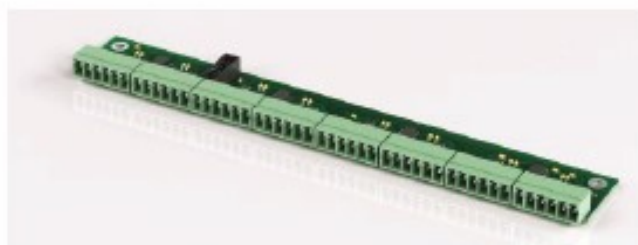
ARSVT440/Dry contacts unit

Allows to increase the number of dry contacts connected to any Vutlan monitoring unit. Adds 32 dry contacts. Can be connected to any CAN port. Max. distance from the monitoring unit is 300 meters. Maximum 128 dry contacts may be connected to 1 monitoring system.

The number of dry contacts inside **AR440** can be increased up to 64 with dry contacts extension module **AR32** (ordered separately).

Network Interface	CAN open
Mounting	Wall mount, Desktop, 19" rack mountable
Expansions	AR32 / Dry contacts board (ordered separately)
Power Consumption	1 Watt
Status Indicators	Red / Green Led
Max. distance	225 m
Package Includes	Unit, cable 2m, 19" mounting angles, self-adhesive rubber foot, Terminal plug 6P 3.5mm 6pcs

+



Inputs	x32 dry contacts inputs
Operating temperature	Min. -10 °C, Max. 80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT32/Dry contacts unit

Can be embedded inside **AR440** (Dry Contacts extension unit). It has 32 dry contacts. Used to increase the number of dry contacts in **AR440** from 32 to 64. Ordered separately from **AR440**.

Mounting	Mounted inside monitoring unit using x3 screws M3*5
Package Includes	Extension board, Cable ARBH2-10 to ARSBH2-10M , Terminal plug 6P 3.5mm 8pcs, Screws M3 5mm 3pcs,

A S O M E P
Monitoring & Control Systems

**CAN sensors & devices****A S O M E P**
Monitoring & Control Systems**ARSVT460 / Smoke, humidity
& temperature sensor**

At installation indoors, inside the rack etc., sensor monitors occurrence of smoke, temperature and humidity inside the building.

Automatic restoration of power after the actuation.

Inputs	2 x RJ-12
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Operating temperature	Min. -10° C, Max. 80°C
Network Interface	CAN open
Power Consumption	1 Watt
Max. distance	225 m
Smoke sensitivity	0,05 — 0,2 db/m

Response time	10 seconds
Status Indicators	Red / Green Led
Dimensions	Ø100 x 45 mm
Weight	310 g
Mounting	Wall mount
Special features	Measured Humidity - 0.. 95% RH, Accuracy: ± 3%,
Temperature sensor	Measured range: -10 ... +125 °C, Accuracy: ± 0.4°C
Package Includes	Mounting bracket included

**ARSVT470 / PIR, vibration &
temperature sensor**

Sensor is needed for control of movement over an infra-red range and measurement of temperature and vibration indoors.

Inputs	2 x RJ-12
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Operating temperature	Min. -10° C, Max. 80°C
Network Interface	CAN open
Extension protocol	CAN open

Power Consumption	1 Watt
Max. distance from unit	225 m
Status Indicators	Red / Green Led
Dimensions	105 x 57 x 40 mm
Weight	133 g
Mounting	Wall mount
PIR sensor	Range: 12 m, Viewed angle: 110°
Temperature sensor	Measured range: -20 ... 60 °C, Accuracy: 1°C.
Package Includes	Mounting bracket included

**CAN sensors & devices****A S O M E P**
Monitoring & Control Systems**ARSVT490 / Humidity & temperature sensor**

At installation indoors, inside the rack etc., sensor monitors temperature and humidity inside the building.

Inputs	2 x RJ-12
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Operating temperature	Min. -40° C, Max. 105°C
Network Interface	CAN open
Extension protocol	CAN open

Power Input	12VDC, 1A
Power Consumption	1 Watt
Max. distance from unit	225 m
Status Indicators	Red / Green Led
Dimensions	68 x 47 x 26 mm
Weight	160 g
Mounting	Screws included
Humidity sensor	Measured Humidity - 0.. 95% RH, Accuracy: 3% RH
Temperature sensor	Measured range: -10 ... +125 °C, Accuracy: ± 0.4°C

**SENSORES ANALOGICOS****A S O M E P**
Monitoring & Control Systems**ARSVT500 / Temperature sensor**

Sensor is needed for measurement of temperature indoors.

Dimensions	60x18x18 mm
Weight	60 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -50° C, Max.105°C

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance	100 m
Accuracy	1 °C
Package Includes	Sensor, Cable 2m, x1 screw M5, Sticker, Mounting bracket

**ARSVT501 / Outdoor temperature sensor**

Sensor is needed for measurement of temperature outdoors.

Dimensions	Ø7 x 30 mm, PVC cable 15 m
Weight	340 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -50° C, Max.105°C

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Mounting	Clamps included
Power Consumption	60 mW
Max. distance from unit	100 m
Special features	Accuracy: 1 °C
Package Includes	Sensor & clamps

**ARSVT510 / Humidity sensor**

Sensor is needed for measurement of relative humidity 10-95% indoors with relative accuracy 5%.

Dimensions	60 x 18 x 18 mm
Weight	60 g
Inputs	RJ-12 / RJ-11
Accuracy	3% RH
Operating temperature	Min. -10 °C, Max. 80 °C

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance from unit	50 m
Special features	Accuracy 3% RH
Package Includes	Sensor, Cable 2m, x1 screw M5, Sticker, Mounting bracket

**SENSORES ANALOGICOS****A S O M E P**
Monitoring & Control Systems

Dimensions	63 × 66 × 40 mm
Weight	125 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C

ARSVT520 / AC voltage monitor

Sensor is needed for measurement of AC 110-240V.

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power Input	90-240V, IEC C14
Mounting	Insert in the socket
Power Consumption	60 mW
Max. distance from unit	100 m
Special features	Voltage measured: 90 .. 250 V, Accuracy: 2 %.
Package Includes	Sensor & Cable RJ11 to USB (1.8m)



Dimensions	60 × 18 × 18 mm
Weight	106 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT530 / Access sensor

At installation on doors, windows, etc, sensor controls status of door, window: opened, closed. Chain connection is possible.

A magnet is mounted on a door & the sensor is mounted on a jamb of a door. At opening a door contact is disconnected, and system of monitoring receives notification on opening.

Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance from unit	150 m
Special features	Daisy chain connection
Package Includes	Sensor, Magnet, Cable 2m, Screws, Washers, Nuts, Stickers, Mounting bracket



Dimensions	60×18×18 mm
Weight	106 g
Inputs	RJ9
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT531 / Optical access sensor

At installation on doors, windows, etc, sensor controls status of door, window: opened, closed.

Outputs	RJ11 / RJ12 (6p4c)
Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance from unit	150 m
Built-In sensors	Optical sensor: Min. view distance 1 cm Max. view distance 3-4 cm
Package Includes	Sensor converter, optical sensor, mounting bracket, cable, screws, nuts, bolts & a sticker.

**SENSORES ANALOGICOS****A S O M E P**
Monitoring & Control Systems**ARSVT540 / Vibration sensor**

At installation on walls, windows, etc., sensor controls vibration.

At impact or attempts of jolting or drilling of the surface on which the sensor is established, contacts of the sensor respond and the system receives message.

Chain connection is possible.

Dimensions	60x18x18 mm
Weight	60 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance from unit	150 m
Special features	Daisy chain is possible
Package Includes	Sensor, Cable 2m, x1 screw M5, Sticker, Mounting bracket

**ARSVT550 / Wind velocity meter**

At installation on Air conditioners, fans, etc., sensor controls airflow 0 - 3 m/s. Max. distance from the monitoring unit is 50 meters.

Dimensions	60x18x18 mm
Weight	106 g
Inputs	Analog sensor port, RJ9, RJ-12 / RJ-11
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance from unit	50 m
Special features	Response time 0.1 sec
Package Includes	Sensor converter, airflow sensor, mounting bracket, 2m RJ11/RJ12 cable, screws, nuts, bolts and a sticker.
Other	Sensor is sold with preconfigured sensitivity.

**SENSORES ANALOGICOS****A S O M E P**
Monitoring & Control Systems

Dimensions	Ø100x45 mm
Weight	290 g
Inputs	x2 RJ-12
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT560 / Smoke detector

Detector detects smoke indoors. Daisy chain is possible: possible to connect up to 10 sensors of the same type in a chain. In such case the system shows all sensors as a single element.

Mounting	Mounting bracket included
Power Consumption	100 mW
Status Indicators	Error LED
Max. distance from unit	150 m
Special features	Daisy chain is possible Sensitivity 0,05 — 0,2 db/m
Package includes	Sensor, cable 2m, screws, nuts bolts, mounting bracket



Dimensions	105 x 57 x 40 mm
Weight	133 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C

ARSVT570 / PIR sensor

Sensor is needed for control of movement over an infra-red range.

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Mounting	Mounting kit included
Power Consumption	100 mW
Status Indicators	Error LED
Max. distance from unit	50 m
Special features	IR detection angle: 110°, Max. IR detection distance: 12 m Cable length: 2m



Dimensions	60 x 18 x 18 mm
Weight	125 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT590 / Leak sensor

When water is in contact with the metal cores, the sensor indicates the emergence of moisture. If sensor is constantly responding to high water levels, replace the sensor with a level sensor.

Attention! Metal cores are detectors of water, mount strictly downwards as close as its possible to a floor.

Mounting	Mounting bracket included
Power Consumption	60 mW
Max. distance from unit	100 m
Special features	Response time: 1 s, Recovery time: 1 s. Cable length: 2 m.
Package includes	Sensor, screws, nuts bolts, mounting bracket

**SENSORES ANALOGICOS****A S O M E P**

Monitoring & Control Systems

**ARSVT591 / Water leakage sensor**

When water is in contact with detection cable sensor indicates the emergence of moisture. Water detection cable length: 50 m. If sensor is constantly responding to high water levels, replace it with a level sensor.

Requires:

Water leakage cable WLC is supplied separately.

Water detection rope WDC is supplied separately.

Dimensions	60 x 18 x 18 mm
Weight	60 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10° C, Max. +80°C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Mounting	Mounting bracket included

Power Consumption	60 mW
Max. distance from unit	100 m
Special features	Response time: 15 s, Recovery time: depends on how fast the cable becomes dry
Package Includes	Sensor, cable 2m, screws nuts bolts, mounting bracket, terminal plug 2pins 5mm

**ARSWLC / Water leak cable**

When water is in contact with leak cable, sensor indicates the emergence of moisture. After the flooding easily dries out by itself. Max. distance from the unit is 225 meters. can work in high humidity, pollution and hazardous waste. Recommended to use with salted or dust water, acids, alkalis, high humidity or near dew point.

Order options:

ARSWDC6- 6,00meters
 ARSWDC10-10,00meters
 ARSWDC25-25,00meters
 ARSWDC50-50,00meter Custom
 length possible

Requires: AR591 / Water leakage sensor (ordered separately!)

Dimensions	Ø5.5 mm
Weight	26 g/m
Inputs	two wire connectors
Operating temperature	Min. -50 °C, Max. +105 °C
Operating humidity	Humidity: 0-100%
Max. distance from unit	225 m
Response time	15 s
Detectable liquids	Clean, polluted & distilled water; acids; alkalis; alcohols and other electrically conductive liquid, Conductors - Ni/Cu
Conductor	27% Ni
Package Includes	One self-adhesive holder for each 2m of cable.

**ARSWDC / Water detection rope**

When water is in contact with detection rope, sensor indicates the emergence of moisture. Can work until the dew point and does not welcome pollution! Max. distance from the unit is 225 meters. After the flooding, the leak detection cable can be dried and re-used. Recommended to use only for the detection of spirits, pure and distilled water!

Order options:

5 meters
 - 10 meters
 - 25 meters
 - 50 meters

Custom length possible.

Requires: ARSVT591/Water leakage sensor (ordered separately!)

Dimensions	Ø3 mm
Weight	15 g/m
Inputs	two wire connector
Operating temperature	Min. -50 °C, Max. +105 °C
Max. distance from unit	225 m
Response time	15 s
Detectable liquids	Clean, polluted & distilled water; acids; alkalis; alcohols and other electrically conductive liquid, Conductors - Ni/Cu
Conductor	27% Ni

**AC/DC METERS****A S O M E P**
Monitoring & Control Systems

Dimensions	68 × 47 × 26 mm
Weight	160 g
Inputs	RJ-12 / RJ-11

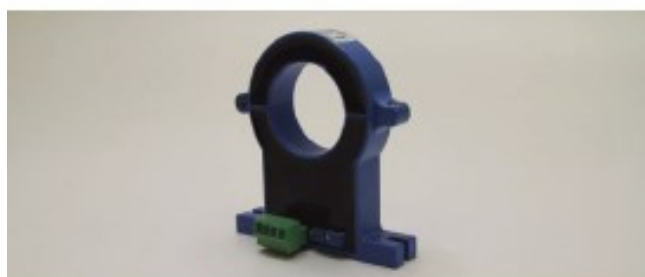
ASVT406R / DC HOS sensor transducer

is used together with **ARS100Q1** DC hall current sensors and converting data into format of IP monitoring system. The system interface allows you to assign the current meter and to introduce the function data conversion.

DC current sensor **ARS100Q1** is ordered separately.

Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Mounting	Has plastic brackets for wall mount
Power Consumption	100 mW
Max. distance from unit	50 m
Special features	Measured voltage: -4 ... +4V, Accuracy: 1%
Package Includes	Transducer, cable 2m, 12V adapter, 4 pin terminal plug, screws, nuts, bolts, stickers

+



Dimensions	60 × 61 × 16 mm
Weight	150 g
Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power Input	-12V / +12V
Outputs	4 pin terminal

ARSHOS100Q1 / DC current sensor

100A hall sensor is used for measurement of DC current. The system interface allows you to assign sensor and to introduce the function data conversion.

Max. distance from the measuring unit is 50 meters.

Mounting	Has two holes for wall mount
Power Consumption	1 Watt
Max. distance from unit	50 m
Special features	Frequency: 0-20 kHz, Isolation: 5kV, Nominal AC current: 100A, Measured range: 0 - 150 A, Structure: Open / Closed Accuracy: 1%, Output: -4 ... +4 V, 4 wire Window: ø21 mm Response time: < 1µs
Package Includes	Sensor, 4 pin terminal plug

**SENSORES ANALÓGICOS****A S O M E P**
Monitoring & Control Systems

Dimensions	68 × 47 x 26 mm
Weight	160 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C

ARSVT407 / AC HAT sensor transducer

Transducer is used together with HAT-100Q1 current transducer and transferring data into a monitoring system. The system interface allows you to assign the current meter and to introduce the function data conversion.

DC current sensor ARSHAT100Q1 is ordered separately

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power input	12V
Mounting	Has plastic brackets for wall mount
Power Consumption	50 mW
Max. distance from unit	50 m
Special features	Measured voltage: 0 .. +5V
Package includes	Transducer, cable 2m, 12V adapter, 4 pin terminal plug, screws, nuts, bolts, stickers

+



Dimensions	60 × 61 × 16 mm
Weight	150 g
Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power input	-12V / +12V
Outputs	0-5 V, 4 wire

ARSHAT100Q1 / AC current transducer

100A transducer is used for measurement of AC current. The system interface allows you to assign transducer and to introduce the function data conversion.

Max. distance from the measuring unit is 100 meters.

Mounting	Has two holes for wall mount
Power Consumption	1 Watt
Max. distance from unit	50 m
Special features	Isolation: 2,5 kV, Nominal AC current: 100A, Measured range: 0 ... 120A, Accuracy: 1%, Structure: Open / Closed Response time: -12 V / +12V Supply voltage: < 350 ms Window: ø21 mm Frequency: 50 (400) Hz
Package includes	Sensor, 4 pin terminal plug

**SENSORES ANALOGICOS****A S O M E P**
Monitoring & Control Systems**ARSVT410 / DC voltage monitor**

DC monitor is used for measurement of DC voltage up to 60V and converting data into format of IP monitoring system. The system interface allows you to assign the sensor and to introduce the function data conversion.

Only 6P6C RJ12 cable can be used with sensor!

Dimensions	60 × 18 × 18 mm
Weight	100 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power Input	12V

Mounting	Mounting bracket included
Power Consumption	100 mW
Max. distance from unit	50 m
Special features	Isolation: 1 kV, Measured voltage: 0 ... 60 V, Accuracy: 1%
Package Includes	Sensor, cable 2m, screws nuts bolts, mounting bracket, terminal plug 2 pins 5mm

**ARSVT420 / Converter 4-20mA**

Converter of current loop 4-20mA is used for measurement of constant current on 4-20mA from different 3rd party sensors and converting data into format of Vutlan monitoring system. The system interface allows you to assign the sensor and to introduce the function data conversion.

Dimensions	60 × 18 × 18 mm
Weight	60 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

Mounting	Mounting bracket included
Power Consumption	100 mW
Max. distance from unit	50 m
Special features	Isolation: 1 kV, Measured current: 4 ... 20 mA, Accuracy: 2%
Package Includes	Sensor, cable 2m, screws nuts bolts, mounting bracket, terminal plug 2 pins 5mm

**ARSVT520 / AC voltage monitor**

Sensor is needed for measurement of AC 110-240V.

Dimensions	63 × 66 × 40 mm
Weight	125 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power Input	90-240V, IEC C14
Mounting	Insert in the socket
Power Consumption	60 mW
Max. distance from unit	100 m
Special features	Voltage measured: 90 ... 250 V, Accuracy: 2 %.
Package Includes	Sensor & Cable RJ11 to USB (1.8m)



Wireless devices

A S O M E P
Monitoring & Control Systems

Mounting	Has a magnet at the bottom base
Special features	Cable: RG174 SMA, Impedance: 50Ω, Frequency: 890-960 / 1710-1890 MHz, Gain: 2.5 dBi, VSWR: ≤2.0, Polarization: vertical



Dimensions	Size Ø50 x 520 mm
Weight	180 g
Operating temperature	Min. -10 °C, Max. 80 °C

ARSVT6603/ GSM antenna 5m



For use with all types of GSM modems, 5.8GHz antenna design with dual band of 900MHz.

Beam pattern - omnidirectional.

Mounting	Has a magnet at the bottom base
Special features	Cable: RG174 SMA, Impedance: 50Ω, Frequency: 890-960 / 1710-1890 MHz, Gain: 2.5 dBi, VSWR: ≤2.0, Polarization: vertical



Dimensions	Size Ø12.5 x 200 mm
Weight	27 g
Operating temperature	-20°C ~ +65°C



Dimensions	48x49x14mm; length: 3m;
Weight	70 g
Operating temperature	-40...85°C
Mounting	for ribbon cable

ARSVt6604/ GSM ANTENA 3M



For use with all types of GSM modems, 5.8GHz antenna design with dual band of 900MHz.

Beam pattern - omnidirectional.

Mounting	Has a magnet at the bottom base.
Special features	Cable: RG174 SMA, Impedance: 50Ω, Frequency: 890-960 / 1710-1890 / 1920-2170 MHz, Gain: 7 dBi, VSWR: ≤2.0, Polarization: vertical

ARSVT6624/ AC LTE antenna 3 dBi



Extra LTE antenna for main or auxiliary antenna slot of "ARSVT710 and ARSVT760/LTE, GPS modem.

Storage temperature	-30°C ~ -75°C
Special features	Connector: SMA Male R/P; Frequency range: LTE; Impedance: 50Ω; Radiation: Omni; Gain: 0 ~ 3dBi; VSWR: ≤ 3.0; Polarization: linear;
Package Includes	x1 SMA tail, x1 antenna

ARSVT6691 / GPS antenna 3m 3dBi



"ARSVT710 and ARSVT760/LTE, GPS modem.

Needed for correct time by geographic location.

Special features	Connector: SMA Male R/P; Wire: RG174 Frequency range: 1,575GHz; Bandwidth: 5MHz; Impedance: 50Ω; Radiation: Omni; Gain: 3dBi; VSWR: ≤ 3.0; Polarization: RHCP;
Package Includes	x1 SMA tail, x1 antenna

**SENSORES ANALOGICOS****A S O M E P**
Monitoring & Control Systems

Dimensions	44 x 23 x 15 mm
Weight	50 g
Inputs	1-Wire
Operating temperature	Min. -10 °C, Max. 80 °C

ARSVT10/1-Wire board

La placa está montada y conectada dentro de las unidades de monitoreo de CC ARSVT325, ARSVT335, ARSVT805, ARSVT825, ARSVT825. Permite comunicarse con lectores o sensores de 1 cable.

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Network Interface	1-Wire
Status Indicators	1-Wire status LED
Max. distance	100 m
Package Includes	2 screws M3x5, Cable BH2-16M to BH2-16M



Dimensions	Ø7 x 30 mm, PVC cable 15 m
Weight	340 g
Inputs	RJ-12 / RJ-11
Operating temperature	Min. -10 °C, Max. 80 °C

ARSVT581/ Temperature Sensor

Sensor is needed for measurement of temperature indoors or outdoors. Chain connection is possible using MS2, MS4 splitters.

Requires 1-Wire bus installation: **AR10** / 1-Wire board

Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Power consumption	60 mW
Special features	Daisy chain connection possible.



Dimensions	60 x 18 x 18 mm
Weight	60 g
Inputs	RJ-12/ RJ-11
Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)

ARSVT585 / Thermocouple converter

Converter is designed to measure the temperature of various thermocouples and converting data into format of IP monitoring system. The system interface allows you to assign the sensor and to introduce the function data conversion.

Mounting	Mounting bracket included
Max. distance from unit	50 m
Package Includes	Sensor, cable 2m, screws nuts bolts, mounting bracket, terminal plug 2 pins 5mm

**WIRE SENSORS****A S O M E P**
Monitoring & Control Systems

Inputs	RJ9
Operating temperature	Min. -10 °C, Max. 80 °C
Network Interface	1-Wire

AVSMS2/RJ9/RJ11 Splitter

Needed for daisy chain 1-Wire connection. 2 outlets simple 1-Wire bus splitter.

Connection	plug-and-play
Extension protocols	1-Wire
Package Includes	Sticker



Inputs	RJ9
Operating temperature	Min. -10 °C, Max. 80 °C
Network Interface	1-Wire

AVSMS4/RJ9/RJ11 Splitter

Needed for daisy chain 1-Wire connection. 4 outlets simple 1-Wire bus splitter.

Connection	plug-and-play
Extension protocols	1-Wire
Package Includes	Sticker



Connectors	Male RJ 11 / Female RJ11
Operating temperature	Min. -10 °C, Max. 80 °C
Network Interface	1-Wire
Connection	plug-and-play
Extension protocols	1-Wire

AVSTCS/RJ11 prolongation cable

Needed for connection of different sensors on a long distances or for 1-wire bus prolongation. Straight pin 15m RJ11 cable assembly. Cable assemblies with length 3m, 6m and 10m are possible for delivery.

Order options:

ARSTCS3 –3,00 meters

ARSTCS6 –6,00 meters

ARSTCS10-10,00 meters

ARSTCS15-15,00 meters

Podemos fabricar a medida la distancia que precise

**ACCESORIES****A S O M E P**
Monitoring & Control Systems

Dimensions	70 x 36 x 56 mm, cable 3m
Weight	150 g
Power Input	12V DC, 1A

AVSvt103/RJ9/Alarm beacon

Can be used with **AR8aaa** monitoring master units.
Needed for light and sound alarms.

Mounting	Wall mount
Special features	Rated voltage: 12V; Current: alarm 250 mA; Sound pressure: 108 dB; Tone frequency: 3.8 kHz; Flash frequency: 2.5Hz red 150/min; Power consumption: 250 mA; Cable: 3m;
Package Includes	Device, clamps, screws



Dimensions	Ø73 x 45 mm. cable 3m
Weight	100 g
Mounting	Wall mount

AVSVT105/Strobe light

Can be used with **AR8aaa** monitoring master units.
Needed for light alarms.

Special features	Light frequency: 1 Hz, Power consumption: 80 mA in alarm mode, Rated voltage: 12V, Current: Alarm 80 mA, Light frequency: 60 / min, Cable length: 3m
Package Includes	Device,

**AVSLCF013/Airflow sensor**

At installation on fans, ventilators, etc., sensor controls air-flow: switched on / off. Connects to dry contact (IN) port.

Dimensions	34 x 17.5 x 7.5 mm
Weight	60 g
Operating temperature	Min. -10° C - Max.80° C
Special features	Response time - 10 s, Recovery time - 5 s.

**ACCESORIES****A S O M E P**
Monitoring & Control Systems**ARSVT107/RJ9/proximity reader**

Puede usarse con ARSVT8aaa Unidad master monitorización

Mounting	Wall mount
Power consumption	1 Watt
Status Indicators	Red / Green LED
Max. distance ???	15cm
Special features	Frequency: 125 kHz, Power consumption: 30 ... 55 mA, Range response: 15cm, Card: unique, Frequency: 125 kHz,
Package Includes	Device,
Dimensions	82 x 82 x 22 mm
Weight	106 g
Operating temperature	Min. -10 °C, Max. +80 °C
Operating humidity	Min. 5% - Max. 95% (Non-Condensing)
Network interface	1-Wire

**ARSVT108/RFID card**

Can be used with VT8xxx monitoring master units.

Dimensions	86 x 59 x 1 mm
Weight	7 g
Operating temperature	Min. -10 °C, Max. +80 °C
Special features	Memory: 64 bit, Standard: EM4100, Frequency: 125 kHz,

**ARSKMS30/
Acces sensor****ARSVT101/Batery holder**

Se utiliza como soporte de batería de respaldo. Se puede acoplar a la carcasa ARS T825

Dimensions	112 x 62 x 44 mm
Weight	100 g
Special features	Backup battery max. dimensions - 110 x 60 mm

**ARSCGA103/Backup vattery 11.1V**

En la instalación en las unidades ARSVT825, ARSVT825 DC proporciona fuente de alimentación

Dimensions	52 x 101 x 15 mm
Weight	133 g
Operating temperature	Min. 0 °C, Max. +45 °C
Special features	Li-Ion, 1850 mAh, Voltage - 11.1 V.

**ARS19HOLDER/ 19" HOLDER**

Soporte / soporte para unidad de monitorización ARSVT335.
Montaje en rack 1U 19 "

Order options:

ARSVT102a	para ARSVT335
ARSVT122	para ARSVT335 DC

**ARSVT111/19" holder**

Soporte / soporte para unidad de monitorización ARSVT805. Montaje en rack 1U 19 "

**ACCESORIOS Y CAMARAS****A S O M E P**
Monitoring & Control Systems**ARSVT112/Rotatable mounting brackets**

Package includes 2 brackets which allow to mount monitoring systems horizontally, vertically or at an angle on the wall, inside a rack or other. These brackets can be used with:

ARS325, 335, 805, 825 and others

**ARSUSB100/USB mini camera**

720P mini USB Camera 2.0&1.1 UVC, 1.0 megapixel. USB UVC/MJPEG digital camera with high resolution.

Inputs	HS USB
Mounting	Wall mount

**ARSUSB100/USB dome camera**

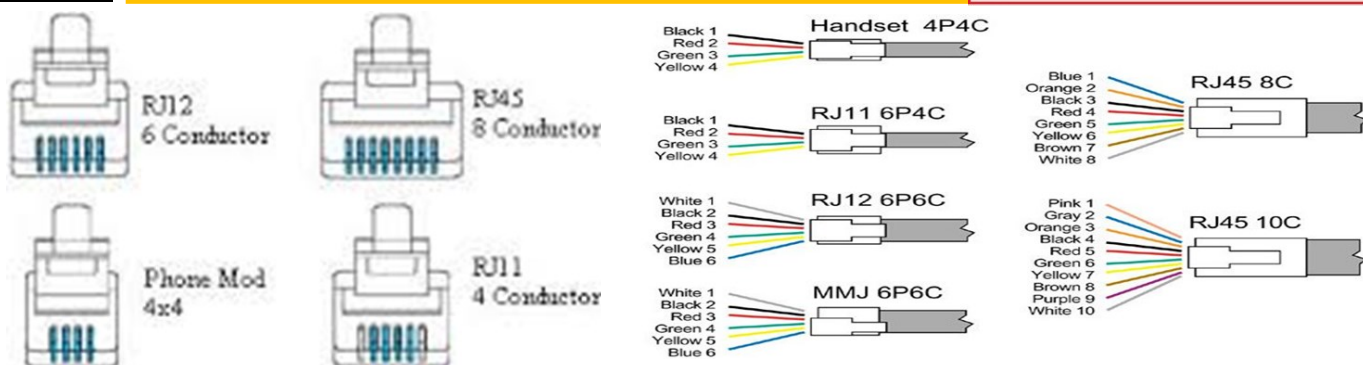
720P HD Dome USB IR Camera 2.0&1.1 UVC, 1.0 megapixel. USB UVC/MJPEG digital camera with high resolution and with IR Leds.

Inputs	HS USB
Mounting	Wall mount

**ARSUSB258/USB bullet camera**

480P HD Bullet USB IR Camera 2.0&1.1 UVC, 0.3 megapixel, water resistant. Water resistant USB UVC/MJPEG digital bullet camera with IR leds.

Inputs	HS USB
Mounting	Wall mount

**CABLES DE CONEXIÓN****A S O M E P**
Monitoring & Control Systems**ASOMEP SYSTEM COMPLET**

Dispone de una amplia gama de familias de Patch para la conexión de todos sus equipos

Desde la planta de producción en Europa

**Disponibles en formatos**

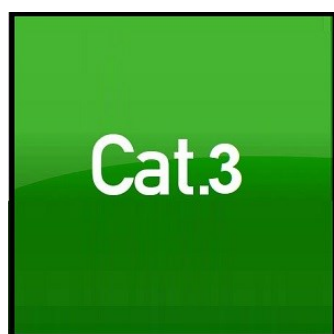
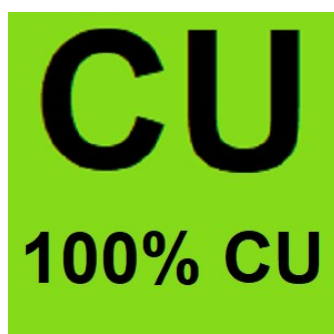
RJ11/RJ11 6P/4C

RJ12/RJ12 6P/6C

PRESENTACIÓN : Planos o Redondos

Planos: Colores Beige (Marfil) o Negro

Cables Redondos: Colores Negro, Blanco, Gris y Azul



**AMCSDCM10021—AMCSDCM10022 (1)****KIT IP Termómetro con Email, Lan, WiFi, PoE,***(1) Sucesor de AMCSDCM10021*

Conexión de hasta tres sensores de temperatura o humedad (también sensores combinados).

Dos contactos secos para el control de alarmas (apertura de puerta, sensor de humo, etc.).

Conexión de red vía LAN o WiFi.

E-Mail con TLS cifrado de transporte.

SMS a través de la puerta de enlace HWg-SMS directamente a través de la red.

Acceso mundial a través del portal SensDesk del fabricante incl. interfaz web (Android, iOS).



CÓDIGO	DESCRIPCIÓN	€ PVP	€ NETO	DTO
AMCSDCM10001	KIT IP Combinado de sensor de temperatura y humedad	687.97€	309.59€	1
AMCSDCM10002	KIT IP Combinado de sensor de temperatura y humedad (1)	734.93€	330.72€	1

ACCESORIOS

CÓDIGO	DESCRIPCIÓN	€ PVP	€ NETO	DTO
AMCSDCM1000T	Sensor de temperatura para termómetro IP	159.70€	71.87€	1
AMCSDCM1001D	Interruptor de contacto de puerta para termómetro IP	71.67€	32.25€	1
AMCSDCM1000H	Sensor de humedad para termómetro IP	266.13€	119.76€	1

**AMCSDCM1001D****AMCSDCM1000H****AMCSDCM1000T**

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 **nettime**
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