VOLO MANAGED ACCESS CONTROL

PRODUCT CODE: 0623060

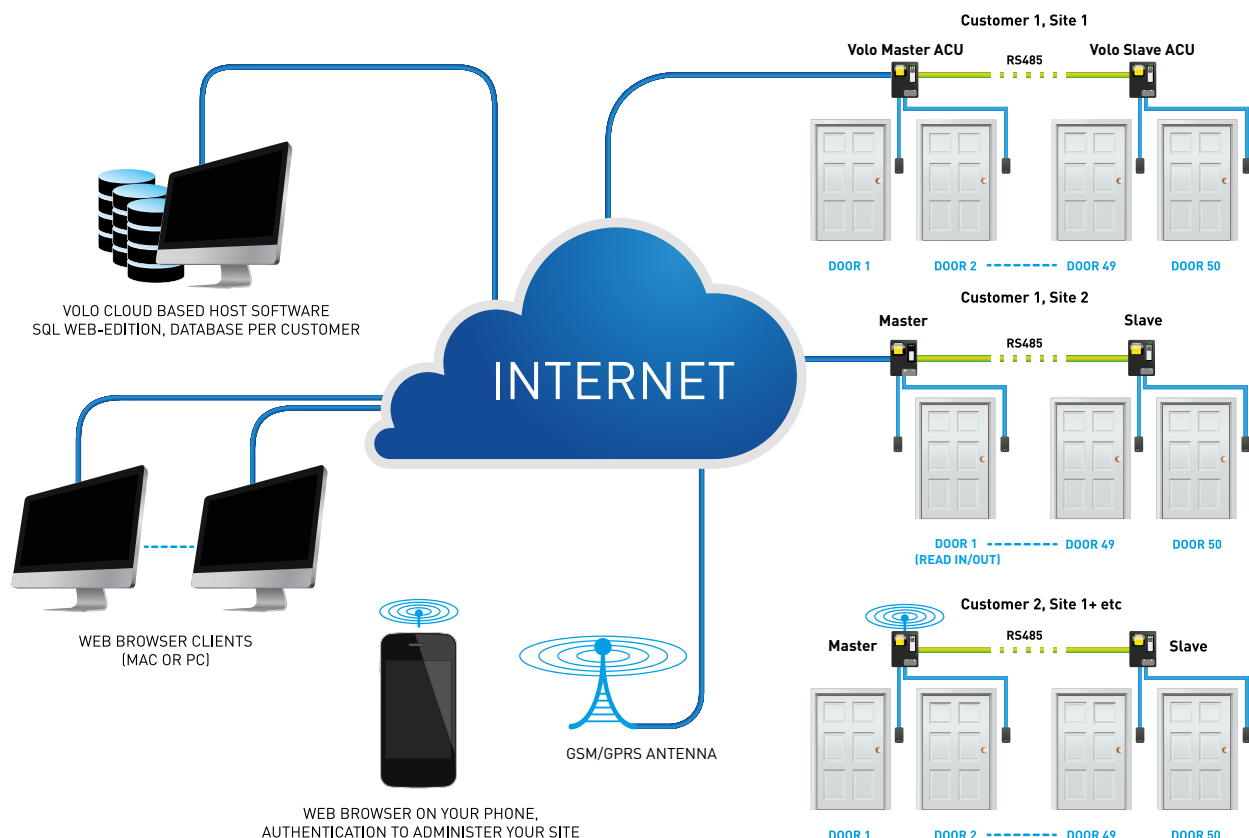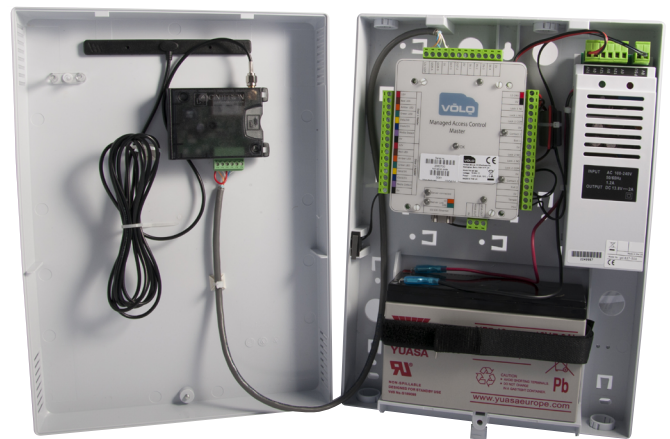**DESCRIPTION:** Volo 2 Reader ACU-Master GSM

OVERVIEW:

VOLO Access Control is a highly scalable access control system, specifically designed for multi-site operation with connectivity over the LAN or 2G GSM/GPRS network. With over 100,000 users per controller and 10,000+ site capability combined with the option of LAN or 2G GPRS connectivity, VOLO can provide seamless integration of the most remote site applications.

Connectivity options of Ethernet and mobile data offer flexibility, access to remote sites and cost effective alternatives to installing ADSL or fibre. The control unit stores access information locally and so will function in the event of a loss of connection to the server.

FEATURES:

- GPRS/Ethernet
- 2 door/2 reader controller
- Expandable up to 50 doors per site with additional slave units
- 10,000+ sites
- 100,000+ users per controller
- 128 Time zones
- 512 Access levels
- Activity reports
- LED indications
- Web browser for desktop, tablet and phone
- Distributed database, 1000s of events per controller
- Designed and manufactured in the UK

VOLO MANAGED ACCESS CONTROL

FEATURES

Web browser	IE, Firefox, Chrome, Safari
Sites/connections	10,000+ connecting to cloud
Doors	10,000+ with 2 door controllers
Communication options	Ethernet or GPRS up to 50 doors per master controller
Users	100,000+ per controller
Alarm notification	On screen, (SMS & email TBC)
Time zones	128 per site
Holidays	16 per site
Access levels	512 per site
Activity reports	Weekly, monthly, daily - TBC
LED indications	Power, unlock, modem OK and diagnostics

INPUTS

Readers/keypads	All Paxton clock and data and Wiegand 26 bit (not supplied)
Door contact	Normally closed
Monitoring (sabotage)	Normally closed
PSU (fail, on battery)	Normally closed
Tamper (cabinet)	Normally closed
4 spare inputs (customer definable)	Configurable normally open or closed or analogue (supervised inputs)

CABLE

Cable Type	Distance
Belden CR 9538 (8 core)	Up to 25m (reader to controller)
Belden CR9540 (10 core)	Up to 100m (reader to controller)
Belden Cable CR 8132 (2 Pair)	Up to 1000m (master controller to slave controller)

CABINET

Material	Plastic
Width	236mm (9 1/8 in)
Height	320mm (12 5/8 in)
Depth	80mm (3 1/8 in)

PARTS

Description	Part Number	Strategix Code
VOLO 2 reader ACU - Master GSM	837-500	0623060
VOLO 2 reader ACU - Slave	837-510	0623070
VOLO hosting licence 1 year	837-540	0697330
VOLO ACU SIM airtime 1 year	837-530	0697340

OUTPUTS

2 x lock relays	24V DC 4A max
2 x spare outputs (customer definable)	12V 0.5A max

ELECTRICAL

Supply	100-240V AC 50/60Hz or 12/24V 2A AC/DC
Power consumption	2A max @12V, 500mA typ @12V
Temperature	32° to 120° F, 0°C to 55°C
PSU	12V DC 2A with charger
Battery backup	12V 7AH (not included)
Mobile network	Any GSM/GPRS
SIM/mobile contract	GPRS 5MB min, VPN
Antenna	GSM/GPRS, SMA female, T bar provided
Integrated modem (master only)	Quad band GSM/GPRS
Ethernet	10/100 Mbps (controller to controller)
RS485 dataline	1000m max
EMC	CE (R&TTE), FCC
Safety	EN60950