DUALTECH

DALM as a Service.

Because the landline telephone network is being phased out, new solutions are required. A lot of people are dreading the extensive investment that will be required. All unnecessarily.
Dualtech's DALM IP Communicator digitalises existing analogue alarms and opens up new and significantly more cost effective opportunities.
The solution is supplied as a service that we call DaaS – DALM as a Service.

DALM IP Communicators have dual communications paths and are used as external alarm transmitters in operations, fire and intruder alarms.
The telephone line output handles analogue alarm protocols from the connected intruder alarm and converts them to TCP/IP protocols for transmission to the alarm centre. DALM has inputs for alarms and outputs that can be remotely controlled. In addition, IP cameras can be connected.
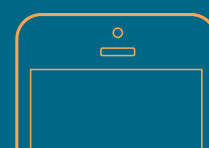
DALM gives simple remote access to connected intruder alarms and certain fire alarms. The integrated roaming SIM card gives optimal security and availability. In addition it gives access to new security services such as EagleEye Client App with image display from connected cameras, remote control and alarm alerts directly to the customer's mobile, tablet and computer. The solution means that an old alarm becomes as good as new, for both business and private customers.

In our user-friendly web portal EasyWebManager you the installer state what alarm class is to be used and if EagleEye is to be activated. All data traffic is included at a fixed monthly fee. Flexible, simple and cost effective. 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. Dualtech can also invoice your end customer directly if so required.
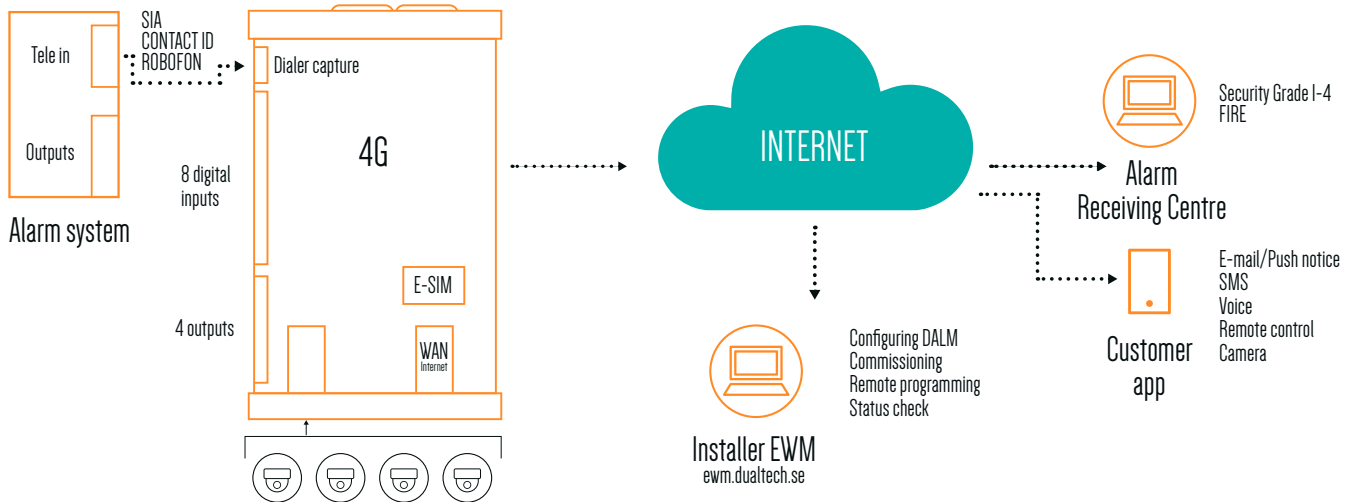
PRODUCT OVERVIEW

- Integrated E-SIM roaming for best coverage
- Telephone output for conversion of SIA (level 1-3), SIA Hex, Contact ID and Robofon
- 8 digital inputs
- 4 x remote controllable outputs
- Integrated IP alarm protocol SIA DC09
- TCP/IP alarm transmission via fixed Internet and/or 2G, 3G or 4G to ARC and/or EagleEye
- Encrypted information transmission
- Continuous function and connection monitoring through polling between DALM and alarm centre
- Up to 4 x IP cameras can be connected

EWM

Product variants on the next page.

DALM IP Communicator.

Tele in
Outputs
Alarm system

SIA
CONTACT ID
ROBOFON

Dialer capture
4G
8 digital inputs
4 outputs
E-SIM
WAN Internet

INTERNET

Installer EWM
ewm.dualtech.se

Configuring DALM
Commissioning
Remote programming
Status check

Security Grade I-4
FIRE

Alarm Receiving Centre

Customer app

E-mail/Push notice
SMS
Voice
Remote control
Camera

DALM KTH
Part number 47740002

- Telephone output for conversion of SIA (level 1-3), SIA Hex, Contact ID and Robofon
- 8 digital inputs
- 4 x remote controllable outputs
- Integrated IP alarm protocol SIA DC09
- TCP/IP alarm transmission via fixed Internet and/or 2G, 3G or 4G to ARC and/or EagleEye
- Continuous function and connection monitoring through polling between DALM and ARC
- Up to 4 x IP cameras can be connected

TECHNICAL DESCRIPTION
Power supply 10-30 VDC

POWER CONSUMPTION	I3.7 VDC	27.2 VDC
SINGLE ALARM PATH		
2G/3G/4G	≈ 150mA	≈ 75mA
DUAL ALARM PATHS	≈ 210mA	≈ 105mA

Supplied complete with circuit board holder and antenna with 0.5 metre antenna cable. The unit is usually supplied with power from the existing alarm installation.

CERTIFICATION

DALM has the following certification:
EN50I36:   EN50I30:   EN54-2I:

EWM   4G

DALM WITH PLASTIC ENCLOSURE
Part number 47740001

- Telephone output for conversion of SIA (level 1-3), SIA Hex, Contact ID and Robofon
- 8 digital inputs
- 4 x remote controllable outputs
- Integrated IP alarm protocol SIA DC09
- TCP/IP alarm transmission via fixed Internet and/or 2G, 3G or 4G to ARC and/or EagleEye
- Continuous function and connection monitoring through polling between DALM andARC
- Up to 4 x IP cameras can be connected

TECHNICAL DESCRIPTION
Power supply 10-30 VDC

POWER CONSUMPTION	I3.7 VDC	27.2 VDC
SINGLE ALARM PATH		
2G/3G/4G	≈ 150mA	≈ 75mA
DUAL ALARM PATHS	≈ 210mA	≈ 105mA

Supplied complete with plastic enclosure and antenna with 0.5 metre antenna cable. The unit is usually supplied with power from the existing alarm installation.

CERTIFICATION

DALM has the following certification:
EN50I36:   EN50I30:   EN54-2I:

EWM   4G

DALM PRO
Part number 47740004

- Telephone output for conversion of SIA (level 1-3), SIA Hex, Contact ID and Robofon
- 8 digital inputs
- 4 x remote controllable outputs
- Integrated IP alarm protocol SIA DC09
- TCP/IP alarm transmission via fixed Internet and/or 2G, 3G or 4G to ARC and/or EagleEye
- Continuous function and connection monitoring through polling between DALM and ARC
- Up to 4 x IP cameras can be connected

TECHNICAL DESCRIPTION
Power supply 10-30 VDC

POWER CONSUMPTION	I3.7 VDC	27.2 VDC
SINGLE ALARM PATH		
2G/3G/4G	≈ 150mA	≈ 75mA
DUAL ALARM PATHS	≈ 210mA	≈ 105mA

Supplied with metal enclosure and voltage supply unit 12V DC 1A and antenna with 0.5 metre cable. The unit has separate monitoring of 230 VAC and battery status. Location for 7.2 Ah battery.

CERTIFICATION

DALM has the following certification:
EN50I36:   EN50I30:   EN54-2I:

EWM   4G

DALM PSU
Part number 47740003

- Telephone output for conversion of SIA (level 1-3), SIA Hex, Contact ID and Robofon
- 8 digital inputs
- 4 x remote controllable outputs
- Integrated IP alarm protocol SIA DC09
- TCP/IP alarm transmission via fixed Internet and/or 2G, 3G or 4G to ARC and/or EagleEye
- Continuous function and connection monitoring through polling between DALM and SIA DC09
- Up to 4 x IP cameras can be connected

TECHNICAL DESCRIPTION
Power supply 10-30 VDC

POWER CONSUMPTION	I3.7 VDC	27.2 VDC
SINGLE ALARM PATH		
2G/3G/4G	≈ 150mA	≈ 75mA
DUAL ALARM PATHS	≈ 210mA	≈ 105mA

Supplied with metal enclosure and 12V DC 1A power supply with charge function. Supplied with 1.2 Ah battery and antenna with 0.5 metre cable.

CERTIFICATION

DALM has the following certification:
EN50I36:   EN50I30:   EN54-2I:

EWM   4G