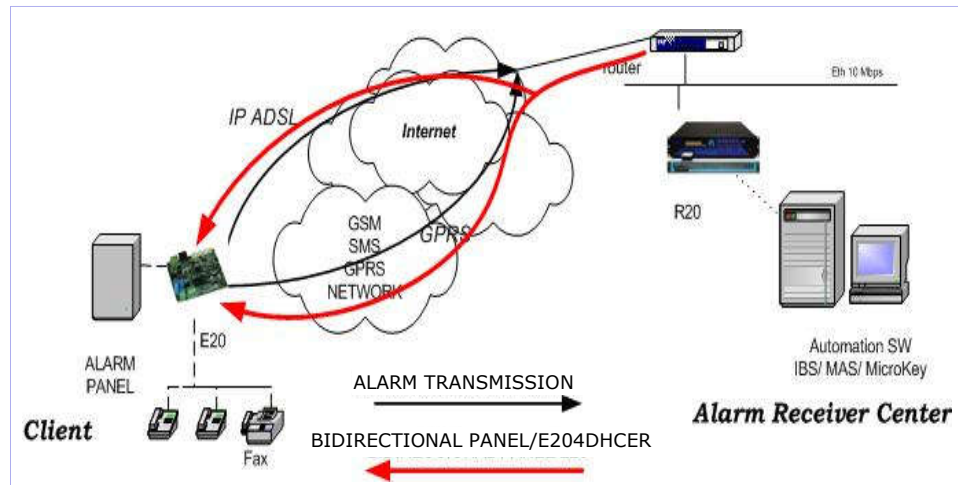
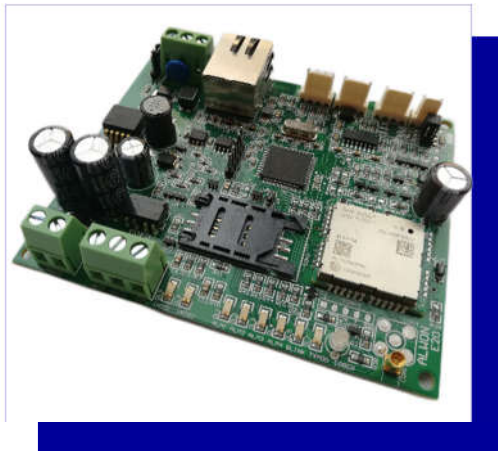


E204DHCER – Ethernet/4G communicator for Galaxy Dimension

OPERATION DIAGRAM



CERTIFIED FOR GRADE 3, CLASE II, SPT 1-6, TYPE X

Technical Data

Features & Benefits

- Designed for Galaxy Dimension centrals
- Communication ports included:
 - 1 x RS232
 - 1 x Ethernet (ADSL, LAN, etc...)
 - 1 x 4G Modem
 - 2 x Open collector outputs
- Most configuration data is automatically transferred from the Galaxy Dimension alarm central. The rest can be configured using ETerm software or by SMS.
- Compatible with Galaxy Dimension alarm panels using SIA 3 or 4 protocol.
- Compatible with both Honeywell R-TCP/IP for Galaxy SIA and ALWON R20 receivers.

Remote access to the panel through both 4G and IP/Ethernet using FrontShell SW.
- Connection to Galaxy Dimension using RS485 port.
- Support dynamic IP addresses and DNS.
- Encrypted protocol according to AES128 standard
- Double communications channel IP Ethernet/4G and Ethernet with configurable polling in seconds.
- Single, alternate or dual receiver as configured in Galaxy Dimension.
- ALWON128 allows communications from the same account through different communications channels keeping the communications supervision on every channel independently.
- Device Anti-substitution: The module is registered on the receiver using a unique code that is not modifiable.

- Power supply: 12V to 24V AC or DC.
- 4G +3dB antenna is included.
- 4 plastic adhesive standoffs are included for mounting on the alarm box.

CERTIFICATION

- The unit is certified according to Grade 3, Class II and SPT SP6 type X, with the requirements of the following standards:
 - **EN 50131-1:2006/A1:2009/A2:2017**
 - **EN 50136-1:2012/A1:2018**
 - **EN 50131-10:2014**
 - **EN 50136-2:2013**
 - **EN 50130-4:2011/A1:2014**
 - **EN 50130-5:2011**

OPTIONS

- Certified box including tamper and mounting accessories to be used when E204DHCER is mounted outside of the alarm enclosure.
- 4G +9dB antenna.

APPLICATIONS

- Suited for alarm transmission when connected to a Galaxy Dimension Alarm Panel.

OPERATING CHARACTERISTICS

CHARACTERISTICS	
Communication channels	Ethernet – 4G/SMS
Transmission protocol	SIA 3/4
Receiver Compatibility	Honeywell R-TCPIP and ALWON R20
Retries in sending Alarm	Configurable in Galaxy Panel
Communications Protocol	SIA 3/4 and SIA command protocol
Ports	<ul style="list-style-type: none"> Ethernet 1 x RS232 1 x RS485 2 x I2C 1 x MODEM 4G/SMS
Nr. of SIMS available	2 - Main & backup in case of communications fail (optional).
Configuration ways	<ul style="list-style-type: none"> Local console (Telnet, RS232) Remote console (Telnet & 4G) By sending SMS
Outputs	2 Open Collector Output 1 is activated when the communication channels fall and in bidirectional status with Panel or E20
Interface Ethernet	RJ45, 10Mbps
Firmware upgrade by:	RS232 or IP/Ethernet or 4G
Supervision of IP Lines	By Ethernet and simultaneous 4G by configurable polling in seconds Supports dynamic IP addresses and DNS.
Polling IP /4G	1 – 99,999 seg
Power supply	12 Vdc to 24 Vdc or 12Vac to 24Vac , 123 mA (max. 203 mA)
Dimensions WxLxH	112 x 85 x 22 mm
Modem	SIERRA WIRELESS 4G

