



CASON

Aladdin DW 630 GEx

EXPLOSION-PROOF FIELD CONTROLLER WITH ENHANCED FUNCTIONS

Aladdin is an explosion-proof field controller with dual SIM card GPRS communication for data acquisition and remote control of industrial field equipment, such as natural gas transfer stations and wells. It is a cost effective solution in that a single Aladdin device can manage up to 4 flow computers.

New features have been developed for the Aladdin to increase its flexibility and compatibility with existing technology such as the ability to actuate control valves.

Optional accessories include magnetic position sensors, pressure transmitters, motion detector and a methane gas detector as well as a standard 4 - 20 mA transmitter and Pt -100 temperature sensor

FEATURES

- Managing 4 flow computers via isolated serial port
- 4 remotely controllable digital outputs
- 8 configurable analog / digital inputs
- Optional magnetic position sensors
- Optional pressure transmitters
- Optional motion detector
- Optional methane gas detector

FUNCTIONS

- iGPRS communication
- SIM redundancy
- Complete remote management
- Internal power supply
- Compact, explosion-proof design
- ATEX certification



TECHNICAL DATA

Power Supply:	3.6 VDC internal Li battery pack, 12 VDC to 35 VDC external (i.e. photo voltaic charger)
Communication:	GPRS based modem
Number of inputs:	8 channels, analog/digital, 1 general 4-20 mA (passive) 1 Pt -100 temperature sensor
Ex protection:	II2 G EEx d ia IIB T6
Operational temperature:	-35°C to +60°C
Storage temperature:	-40°C to +80°C
Number of outputs:	4 channels digital, 1 general 4 - 20 mA (passive)
Wired interconnection:	Isolated RS232 port

APPLICATION

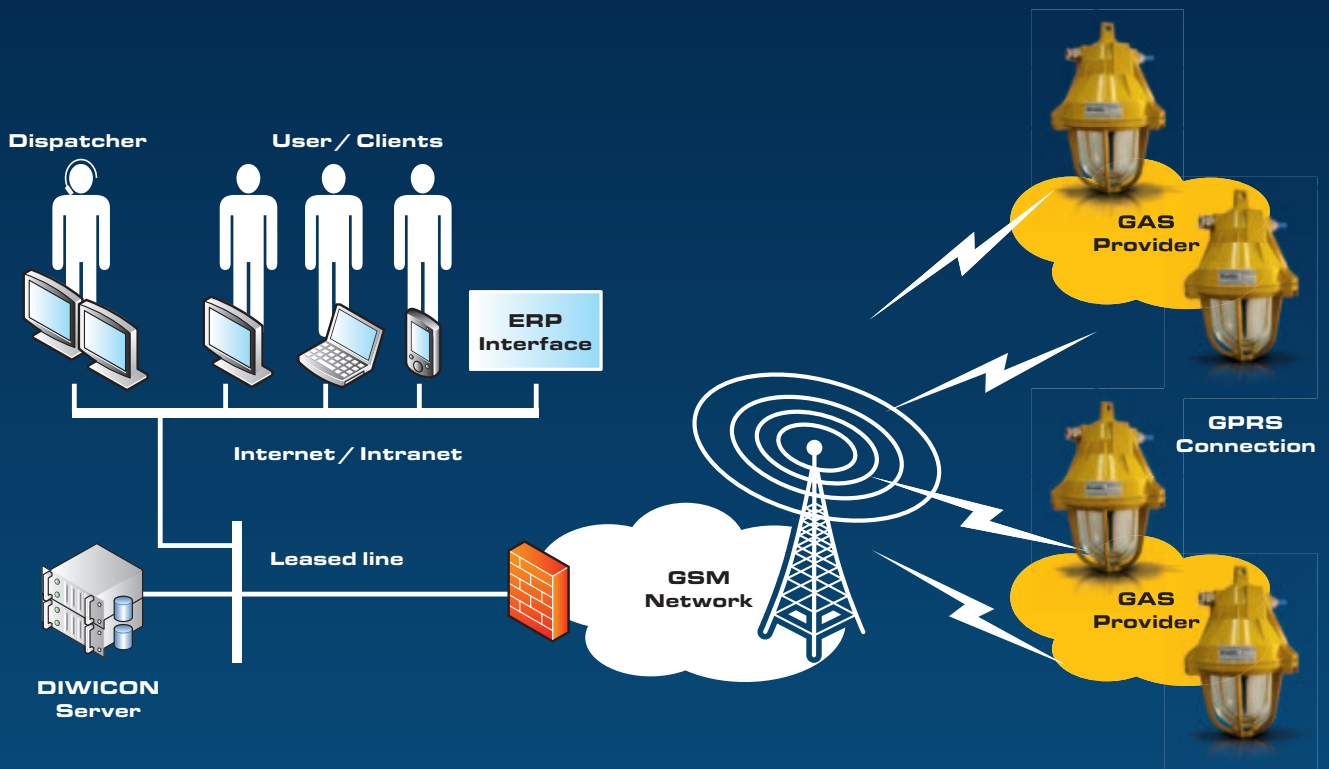
The compact design allows for use in any industrial setting. It can be used both indoors and outdoors due to its IP67 protection. The wide variety of the external connections makes it suitable for use in any wide area system – such as gas or water distribution. It is resistant to dust and fumes so it can be used in explosion hazard zones (Zone 1 or 2).

OPERATION

- Communication wires are unnecessary
- Does not require external power
- Installation is fast and simple
- Long operating lifetime using internal batteries
- Enables on-line remote control
- All-in-one compact design
- Maintenance free operation
- Complete remote management

SETTINGS

- Redundant iGPRS communication
- Optimized event-based data transfer between the field and the center
- Connectible to popular flow meters
- Isolated serial RS232 port with multiplexing capability to connect up to 4 flow meters



CASON

CORPORATE HEADQUARTERS
CASON Engineering Plc.
Velencei út: 37
H-2030 Érd, Hungary
Tel: +36 23 522 100
Fax: +36 23 522 190
E-mail: office@cason.hu
www.casonplc.com

OFFICE - ROMANIA
CASON România S.R.L.
Str. Dr. Romniceanu Grigore nr. 3
Sector 5, Bucuresti
050574, România
Tel: +40 21 411 31 61
Fax: +40 21 411 31 62
E-mail: office@cason.ro
www.cason.ro

CASON - MALTA
CASON Limited
30A Victor Denaro Street,
Msida MSD1603 - MALTA
T: +356 2133 5588
e-mail: info@casonlimited.com

OFFICE - RUSSIA
4, Akademicheskaya Square, 424
142191, Troitsk, Moskovskaya Obl.,
Russia
Tel: +7 499 922 33 82
E-mail: russia@casonplc.com

OFFICE - UKRAINE
CASON Ukraine
60, Artem Str.
04050 Kiev, Ukraine
Tel: +38 050 375 84 85
E-mail: ukraine@casonplc.com