



The GM800 is a LAN gateway with similar functionality as a GM862 unit. The industrial communication gateway enables LAN/WLAN and internet connectivity for a far range of supervision and control tasks.

With its full integration into the GreenGuard fleet management system and the ComAp controller world, the unit may be used for monitoring and control of gensets, engine driven applications or devices like pumps or electrical distribution boards.

The functionality of existing and new applications can be extended by a powerful LAN gateway unit.

GM800 LAN Gateway

BENEFITS

- embedded LAN gateway
- optional WLAN support
- remote monitoring and control
- upgrade to existing systems
- supervision of all kinds of applications such as genset engines, electrical panels
- ComAp protocol master
- Modbus master
- extended token access security
- disturbance recorder
- full integration into ComAp controllers
- full integration into GreenGuard fleet management system

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GM800

LAN Gateway

FEATURES

- Embedded LAN/WLAN gateway
- Powerful CPU (1000MIPS)
- Data communication through LAN (optional WLAN support)
- Enabled for dynamic or static IP address
- Local data storage capabilities
- Disturbance data recorder
- Online trend capabilities
- Application software update over-the-lan/wlan
- Security token cube for bi-directional link authentication
- Protocol master for ComAp controllers (IG/IS NT, IntelliLite NT, IntelliLog, classic line)
- Anodised aluminium housing (optional vibration proof and/or tropicalized upon request)
- Temperature range -5..60°C
- Power supply 12VDC (7..20VDC), 1A max.
- Dimensions 165 x 112 x 30 mm
- RoHS compliant

CHART OF FUNCTIONS

Disturbance data recorder	Pre/post event disturbance data recording for ComAp controllers
Online trend	Online trending with user definable signals
Plant support	Handling multiple ComAp controller units, up to 3 bus segments (optional extendable)
Communication devices	2 x USB/ 1 x RS232 port to enable connection to field device
Event driven (active call)	yes
History reading	yes
Remote switch support	yes
Data communication	LAN (optional WLAN)
Data storage	0.8 GB / 3.8 GB capacity for application data (further capacities upon request)
Remote maintenance	Secure shell (ssh)
Watchdog	yes
Programmable	upon request
WLAN	upon request



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