



GasScreen 160

Multichannel control Unit

- 4-20 mA 16 channels
- 256 x 2 channels RS 485 MODBUS RTU
- Large Color touch screen display
- Maximum flexibility
- Easy to assembly and easy to set up
- Powerful CPU for the inputs and alarms management



The **Explorer GasScreen 160** check unit for the gas monitoring permits the connection of 16 inputs in 4-20mA or of 494 inputs in RS485 (2x256), using such module cards of easy insertions and programming.

You can connect all the available sensors, the ones for combustible gas, oxygen and toxic gas.

The connected sensor calibration and setting, so as the detection parameter and alarms change, can be done on a comfortable and large touch screen color display, in a simple and easily understood way, showing in real time the measurement, the referred unit and the detected gas type, supplying clear information in case of alarm.

During the setting steps, a simple and operating menu leads the user.

A box bottom plate for the wall fixing guarantees an easy installation on any kind of surface. CPU is done for the local wireless connection or GPRS through the connection of optional card inside the instrument; the internet connection is available on the Ethernet socket.

Purchase Order details

Gas Screen 160

Cod. 1004400

Technical Specifications:

Enclosure	Wall mounting
Dimensions	380 x 320 x 120 mm
Weight	4,5 Kg.
Enclosure rating	IP65
Display	Color touch screen, dim. 5,6 x 9,8 cm.
Power Supply	220Vac/24 Vdc
Absorption	100 W
Analog inputs	<ul style="list-style-type: none"> ▪ 16 inputs in 4/20 mA ▪ 256 x 2 inputs in RS485 ▪ 16 inputs that are leaded by 0-100 LEL% catalytic sensors
Optical Alarms	<ul style="list-style-type: none"> ▪ Nr. 2 LED gas thresholds (A1 and A2), that are programmable from 0 to 100% (full scale range). ▪ Nr. 1 LED of general alarm (fault)
Acoustic Alarm	Active Buzzer if alarm occurs, 90 dB
Alarm Relays	<ul style="list-style-type: none"> ▪ Nr. 1 general alarm relay (1 A) ▪ Nr. 1 relay for fault signal (1 A), typical of the 4 channels
Working temperature	-20°C to + 55°C
Umidity	0% to 95% low levels of humidity (not condensing)
Set-up parameters	<ul style="list-style-type: none"> ▪ Language (Italian, English) ▪ Gain, offset, and range for each channel ▪ 3 Alarm levels for each channel ▪ Type of measured parameter
Certifications	CE – Electromagnetic Compatibility - RINA Nr. ELE027216CS

RECOM INDUSTRIALE s.r.l.

Via Pietro Chiesa, 25 r. – 16149 Genova – Italia
 Tel. (+39) 010.469.56.61 r.a.– Fax (+39) 010.642.42.05
 E-mail: info@recomind.com http://www.recomindustriale.com

Cap. Soc.€.110.000,00 int.Vers.
 C.C.I.A.A. 38999 GE
 RE.A. 365226 GE
 P.IVA e C.F. 03618890101