

VALUABLE ASSETS OF GASTRON

Technology that benefits the world is not easily found.

Gastron's commitment to safety and unwavering pursuit of technology are contributing to global competitiveness and building a safer society.

■ GASTRON

Founded in 1992, Gastron Co., Ltd. has become a trusted leader in the manufacturing of gas leak detectors, flame detectors, beacons, and other critical safety equipment. Over the years, we have built a strong reputation for innovation and reliability, proudly competing alongside leading global brands. Our commitment to safety and quality has been the cornerstone of our growth, ensuring that we continue to protect lives and properties worldwide.

■ PRODUCT

Gastron products comply with both domestic and international explosion-proof certifications and fire safety approvals, and hold unique distinctions, such as being the first in Korea to receive ATEX and SIL2 certification, and the only Korean company with marine classification certification. Our major clients include semiconductor manufacturers, chemical plants, steel mills, shipbuilding companies, power plants, and gas producers. We manufacture and distribute a wide range of products with various specifications to meet the needs of businesses from large corporations to SMEs. Through this catalog, we hope you find products that suit your company's needs and help protect lives and property from unforeseen accidents.

■ INFORMATION

Company Name	Gastron Co., Ltd.
CEO	Choi Dong Jin
Business Registration Number	119-81-10913
Year of establishment	1992.06.26
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Single Channel Receiver (Backup Battery)

GTC-542



Features

- Displaying gas concentrations using 3-digit & Bar-graph indicators.
- The LED shows three alarm levels depending on the situation.
- Equipped with a backup battery (24V 600mA).
- Wall-mounted design for easy installation.
- RS-485 Modbus communication is supported.
- Equipped with a self-diagnosis function.
- The system is compatible with warning lights.

Accessories



RS-485 Module

Detector Specification

Operation display	10-LED (Main power, Batt power, Batt status, Batt trouble, 3-Stage alarm, Trouble, Stand-by, Status for communicate)
Measuring display	1.8" 3-Digit, Bar-Graph (32 Segment, 3-Color LED)
Measuring range	1~999 (Programmable) / % LEL, ppm, % vol
Alarm display	Visual : 3-Stage alarm, Trouble LED, Warning light audible : Buzzer
Alarm output signal	3-Stage alarm, Trouble/ AC250V 3A relay contact (SPDT)
Alarm level set	Programmable with in detection range
Input signal	4~20mA DC (2-Wire or 3-Wire)
Output signal	4~20mA DC Isolated RS-485 Communication Modbus (Option)
Reset signal	Reset switch and remote control
Program set mode	Alarm value (1,2,3 Alarm)
	Alarm time (Instant & Delay) 1~30min Alarm dead band Measuring value offset (SAD) Relay output on/off
Operating temperature	-20°C ~ 60°C
Operating humidity	5~99% RH (Non-condensing)
Dimension	235.6(W) x 355.5(H) x 117.3(D) mm
Weight	2.1kg
Backup battery	24V / 600mAh, Ni-Cd Battery