

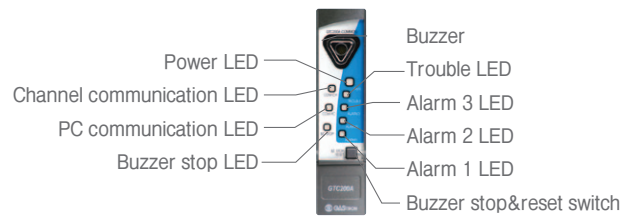
Multi Channel Gas Detector Receiver

GTC-200A Series

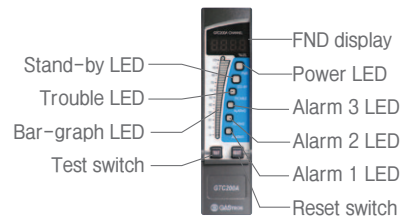
Feature

- ▷ Integrated type receiver with built-in Microprocessor
- ▷ Connectable with various types of gas detectors
- ▷ Easy expansion with using a global standard DIN type case
- ▷ Available various receiver type (Wall Mount, Panel Mount and 19" Rack Type)
- ▷ Gas concentration display with 4-digit & Bar-graph (32 segment, 3-color LED)
- ▷ 3-color display according to alarm stages (Green, Yellow, Red)
- ▷ 3-stage alarm, 1-trouble LED display and relay contact output
- ▷ Easy configuration of monitoring system with RS-485 Modbus isolated serial data communication(Optional)
- ▷ Programmable alarm setting (Level, Time delay)
- ▷ Peak hold
- ▷ Self diagnosis
- ▷ Back-up power unit (Option)

General



Common unit

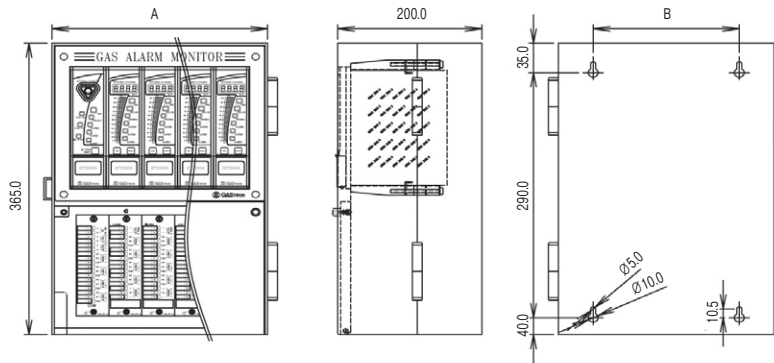


Channel unit



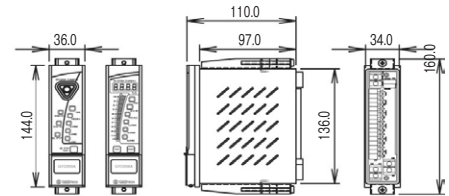
Dimension (Unit:mm)

GTC-200A WALL MOUNT



CHANNEL	A(mm)	B(mm)	CHANNEL	A(mm)	B(mm)
4 CHANNEL	217	147	8 CHANNEL	361	291
6 CHANNEL	289	219	10 CHANNEL	433	363

GTC-200A CARD UNITS



GTC-200A PANEL MOUNT



PANNEL CUTTING DIMENSION CALCULATION

$$C = (\text{No. of Channel Card} + 1) \times 36$$

$$D = C - 1$$

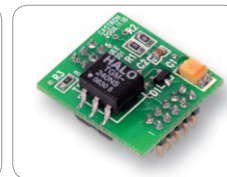
Accessories



19" Rack type



Back-up power unit



RS-485 module

Specification

※ Specifications are subject to be changed without prior notice.

	MULTI CHANNEL GAS DETECTOR RECEIVER	
Model	GTC-200A COMMON (ALARM UNIT)	GTC-200A CHANNEL (DENSITY INDICATING UNIT)
Operation display	8-LED (Power, 3-stage alarm, Trouble, Buzzer stop, PC & channel data communication)	6-LED (Power, 3-stage alarm, Trouble Stand-by for maintenance)
Measuring display		4-Digit FND & Bar-graph (32 segment, 3-color LED)
Measuring range		1~9999 (programmable)(%LEL, ppm, % Vol)
Alarm display	Visual : 3-stage alarm, Trouble LED Audible : buzzer	Visual : 3-stage alarm, Trouble LED
Alarm output signal	3-stage alarm, Trouble, Buzzer AC250V 5A relay contact (SPDT)	3-stage alarm, Trouble, Buzzer AC250V 5A relay contact (SPDT)
Alarm level set		Programmable within detection range
Input signal		4-20mA DC (2-wire or 3-wire)
Output signal	Isolated RS-485 Communication Modbus (Option)	4-20mA DC
Reset signal	Reset switch and remote control	Reset switch
Program set mode		Alarm value (1, 2, 3 alarm) Alarm time (instant & delay) 1~30min Alarm dead band Relay output on/off
Operating temperature	-20°C ~ +60°C	
Operating humidity	5 ~ 99% RH (non-condensing)	
Operating power	Single Channel card : 18~31V DC (24V DC normal) / 100mA max Wall Mount Type : AC 110 / 220V	
Battery power	Back-Up. power unit (Option)	
Approval	24V DC / 600mAH, 1300mAH (Option) CE, KR, KFI	