

Smart Receiver **ASC-100**



Features

- Capable of monitoring up to 10-channel gas detectors (Up to 20 channels with expansion unit).
- Features the first-ever built-in gas detector location monitoring system in Korea.
- Includes the first-ever built-in MSDS viewer in Korea.
- Log data can be checked via internal memory.
- Equipped with a 10.1" touchscreen and supports multiple languages.
- Modular configuration for individual Relay or 4~20mA output functions is available.

Accessories



Expansion Unit

Detector Specification

Capacity	Up to 10channels with base unit, up to 20channels with expansion unit
Size	430(W) x 250(H) x 164(D) mm
Weight	Max 8.5Kg
Housing material	ABS PC
Display	10.1" Touch screen (Resistive Type)
Language	Korean, English, Chinese
Visual indicators	5 System LED (Power, Battery, Alarm, Service, Status), 3 Led for each channel (Green: Normal / Yellow: Fault / Red: Alarm)
Audible alarm	90dB (@1m) Pieozo Buzzer (Alarm), 2W Speaker (Voice Guidance / Alarm)
Button	Operating reset / Alarm mute
4-20mA input	4-20mA DC (2-wire or 3-wire) Up to 10channel with base unit, up to 20channel with expansion unit
Relay output	AC250V 5A, DC30V 5A relay contact (SPDT) Up to 20channel with base unit, up to 40channel with expansion unit
4-20mA output	4-20mA DC (2-Wire) Up to 10channel with base unit, up to 20channel with expansion unit
Operating temperature	-10°C ~ 55°C
Operating humidity	5 ~ 95% RH
IP Grade	IP65
AC Power	AC 110/220 V 50 - 60 Hz ± 6% / Max 150W
DC Power	DC 18 - 32 V (Normal DC 24V) / Max 150W
Backup battery	21.8V/5100mAh Lithium ion battery (>30minutes for Typical System)
External interface	TCP/IP, MODBUS
Logging	Logged event & data
Setup tools	WinApp program

Detector Certification

Other Certifications	KC	Korean electromagnetic certification	-
	CE(EMC)	European electromagnetic certification	
	CE(LVD)	Electrical safety certification	