







# ELT Sensor Products Comparison Tables

## CO2(Carbon dioxide) Sensor modules, Transmitters, Monitors











Nov. 2023




Sensing gas	Product name	Image	Sensor type	Technology	Usage with characteristics	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
CO2	CO2-L50		Cylindrical module	NDIR Dual-beam	Industrial, leakage detection	3.3V	0~1%, 3%, 5% Volume	100 ppm	100 ppm	F.S. 3%	UART, Analog (5 pins)	Gas Measurement range Analog out(Optional)	21.2mm (H) x 20Ø (Diameter)
CO2	S300		Small size module	NDIR	Agricultural, Industrial, Premium, Precise, Stable,	3.3V, 5V	0~5K, 10Kppm, 5%, 7% CO2	1ppm	10ppm	3% ± 30ppm	UART/I2C, Option(PWM,Alarm)	'G': anti-corrosion coating on PCB,	33mm x 33mm x 13.1mm
CO2	D300		Small module	NDIR Dual-beam	Agricultural, Industrial, Premium, Precise, Stable,	3.3V, 5V	0~5K, 10Kppm, 5%, 7% CO2	1ppm	10ppm	3% ± 30ppm	UART/I2C, Option(PWM,Alarm)	'G': anti-corrosion coating on PCB,	33mm x 33mm x 13.1mm
CO2	IoT-S300A		Small size module	NDIR	V.E. for IAQ-monitor, Automatic Calibration,	3.3V, 5V	400~2K, 5K, 10Kppm, CO2	5ppm	400ppm	5% ± 50ppm	UART, I2C	IoT-S300A-9P: 9pin angle connector model	33mm x 33mm x (44mm-9P) 13.1mm
CO2	T-300A		Tiny size module	NDIR	V.E. for IAQ-monitor, Automatic Calibration,	3.3V, 5V	400~2K, 5K, 10Kppm, CO2	5ppm	400ppm	3% ± 75ppm	UART, I2C		33mm x 33mm x (44mm-9P) 13.1mm
CO2	T-200 T-200HT		Tiny miniature module	NDIR	Precise, Stable, Premium miniature for Mission-critical applications.	3.3V, 5V	0~5K, 10Kppm, 5%, CO2	1ppm	10ppm	3% ± 30ppm	UART/I2C, Option(PWM,Alarm)	'G': anti-corrosion coating on PCB,	19.4mm x 30mm x 10.3mm
CO2	B-530		Middle size module	NDIR	Precise, Stable Premium model for Agriculture.	12V DC	0~2k, 5K, 10Kppm, 5%, CO2	1ppm	5ppm	3% ± 30ppm	UART, Analog	'G': anti-corrosion coating on PCB,	66mm x 50mm x 22.2mm
CO2	H-250		Small semicylindrical module	NDIR	Precise, Stable, Medical, Leakage detectable,	3.3V, 5V	0~5%, 10%, 25% Volume CO2	0.01%	0.01%	3% ± 0.03%	UART/I2C, Option(PWM,Alarm)	'G': anti-corrosion coating on PCB,	66mm x 50mm x 22.2mm
CO2	CD-100, CD-100BZ		Wall-transmitter with a relay or RS485ModBus	NDIR	Precise, Stable, Industrial, Cold storage warehouse	3wire: 24VDC 4wire:24VAC, 24VDC	0~2k, 5K, 10Kppm, CO2	1ppm	10ppm	5% ± 30ppm	4(0)~20mA, 0(2)~10V	L: LCD display, 'BZ' (Below Zero): operatable down to -40°C.	70mm x 123mm x 43mm

CO2	CD-300		Wall-transmitter with analog outputs	NDIR	3-wired, Precise, Stable, Industrial	24V DC	0~2k, 5K, 10Kppm, 2%,5%,7% CO2	1ppm	10ppm	5% ± 30ppm	4(0)~20mA, 0(2)~10V	L': LCD display,	70mm x 123mm x 43mm
CO2	CD-300-D3		Wall-transmitter with analog outputs	NDIR Dual-beam	3-wired, Precise, Stable,	24V DC	0~2k, 5K, 10Kppm, 2%,5%,10% CO2	1ppm	10ppm	5% ± 30ppm	4(0)~20mA, 0(2)~10V	L': LCD display,	70mm x 123mm x 43mm
CO2	CD-400		Wall-transmitter with two relays and analog outputs	NDIR Dual-beam	Precise, Stable, Industrial, Relay level, range, output settable	3wired: 24VDC 4wired :24VAC/DC	0~2k, 5K, 10Kppm, 2%,5%,7% CO2	1ppm	10ppm	5% ± 30ppm	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'T': Temp., 'G': anti-corrosion coating on PCB.	70mm x 123mm x 43mm
CO2	CD-700		Wall-transmitter w/2 relays, 2 analogs or RS485Modbus	NDIR Dual-beam	Precise, Stable, Industrial, Relay level, range, output settable	24V DC/AC	0~2k, 5K, 10Kppm, 2%,5%,7% CO2	1ppm	10ppm	3% ± 30ppm	Two Relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L': LCD display, 'T': Temp., 'G': anti-corrosion coating on PCB.	70mm x 123mm x 48mm
CO2	M-530		Wall-monitor with TTL level digital & analog outputs	NDIR Dual-beam	Precise, Stable, 12V operation within short distance.	12V DC	0~2k, 5K, 10Kppm, 5% CO2	1ppm	10ppm	5% ± 30ppm	UART, Aout	L': LCD addition	70mm x 123mm x 43mm
CO2	AQM-200		Wall-transmitter with 1 relay & analog / RS485Modbus	CO2 : NDIR CO : E.C. Temp., Humid., VOC : Semi-conductor	Precise, Stable, Relay level, range, output settable	3wired: 24VDC 4wired :24VAC/DC	0~2k, 5K, 10Kppm, 2%,5%,7% CO2	1ppm	10ppm	3% ± 30ppm	4-wired:RS-485M 3,4-wired: Aout 4(0)~20mA, 0(2)~10V	L': LCD display, 'G': Coating for harsh environment	85mm x 136mm x 24mm
CO2	CO2-S300-PF, CO2-H250-PF, /CO2-D300-PF		Flow-through type sensor module with digital & analogs	NDIR Single-beam, Dual-beam	Flow-through type, Industrial, Precise, Stable,	3.3V, 5V	0~2k, 5K, 10Kppm, 0~5%, 10%, 25% Volume CO2	1ppm	10ppm, 0.01%	3% ± 30ppm, 3% ± 0.03%	Either UART, I2C, PWM, Alarm or Analog voltage.	L': Low Power with sleep mode, 'G': Coating for harsh environment	58mm x 59.4mm x 26mm
CO2	DUT-1000 /DUT-2000		Probe into Duct transmitter with 1 relay & analog / RS485ModBus	NDIR Single-beam, Dual-beam	Probe into Duct type, Precise, Stable,	24 VAC/DC	0~2k, 5K, 10Kppm, 2%,5%,7% CO2	1ppm	10ppm	3% ± 30ppm, 3% ± 0.03%	Relay with Analog out or RS485 Modbus	L': LCD display, 'G': Coating for harsh environment	58mm x 59.4mm x 26mm
CO2	P-1000		Probe sensor	NDIR	Medical, Incubator, Customized Atmosphere, High Concentration, Precise, Stable,	12 VDC	0~20% CO2	1ppm	0.01%	3% ± 0.1%	4~20mA, Option(PWM, UART)	G': Coating for harsh environment	Head 35φ (plate : 45φ) x 62mm(H)
CO2	MB-350, MB-350D, MB-350WD		Monitor with SD-card, WiFi, RS485ModBus	NDIR	Schools, Hospitals, Homes and offices Industrial	12 VDC Adapter is included.	0~10Kppm CO2	1ppm	5ppm	3% ± 30ppm	USB, SD-Card, RS485Modbus, Wifi	G': Coating for harsh environment	135mm x 90mm x 28 mm
CO2	MB-350 with LED		Monitor with LED-Display	NDIR	Schools, Hospitals, Homes and offices Industrial	12 VDC Adapter is included.	0~10Kppm CO2	1ppm	5ppm	3% ± 30ppm	CO2 + LED + Wifi	'D': SD-Card, LED display size	135mm x 90mm x 28 mm





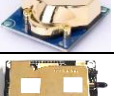





<b>CO2</b>	MT-200H		usb A-type	NDIR	LED blinking to alert sleepy driver, operating with android App.	3.5V ~ 5.2V (USB)	0~10Kppm, 0~5% CO2	1ppm	10ppm	3% ± 30ppm	CO2 LED blink to alert drivers or workers	G': anti-corrosion coating on PCB at humid environment	71.5mm x 26mm x 17mm
<b>CO2</b>	CO2-Z360, CO2-Z800		Flow-through type sensor or Transmitter	NDIR Dual-beam	Industrial, Low concentration measurement	12VDC	0~100ppm 0~500ppm 0~1,000ppm	0.5ppm	1ppm	F.S. 3%	UART, 4~20mA, RS485 Modbus	G': anti-corrosion coating on PCB at humid environment	145mm x 75mm x 50mm, 185mm x 95mm x 50mm
<b>CO2</b>	CO2-FGA5000		Flow-through type Analyzer with air-pump & Filter	NDIR Dual-beam	Industrial, Low concentration measurement	12VDC	0~100ppm 0~500ppm 0~1,000ppm	0.5ppm	1ppm	F.S. 3%	4~20mA, RS485 Modbus	G': anti-corrosion coating on PCB at humid environment	200mm x 270mm x 80mm







## Carbon monoxide (CO) gas sensor modules, Transmitters, Monitors, and analyzer

Sensing gas	Product name	Image	Sensor type	Technology	Usage with characteristics	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
CO	CO-S21-3V		module with digital TTL output	Eelectro Chemical	Precise, Stable, 5 yr life cycle	3.3V, 5.0V	0~250ppm 0~1,000ppm CO	1ppm	1ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	2.7~3.0Vin for Battery 'G': anti-corrosion coating on PCB for humid environment	33mm x 33mm x 12.5mm
CO	CO-SM30-3V		module with digital TTL output	Eelectro Chemical	Precise, Stable, 2 yr life cycl	in	0~250ppm 0~1,000ppm CO	1ppm	1ppm	F.S. 3%	UART/I2C, Option; PWM,Alarm	2.7~3.0Vin for Battery 'G': anti-corrosion coating on PCB for humid environment	33mm x 33mm x 23mm
CO	COD-200		Wall-transmitter with analog output or RS-485ModBus	Semi-conductor	Precise, Stable, 5 yr life cycle	24V DC/AC	0~250ppm CO	1ppm	5ppm	F.S. 10%	3 wired, 4 wired 4(0)~20mA, 0(2)~10V or RS485ModBus	L': LCD display, 'G': anti-corrosion coating on PCB at humid environment	70mm x 123mm x 43mm
CO	COD-300 / CD-300 (CO)		Wall-transmitter with analog outputs	Eelectro Chemical	Precise, Stable, 2yr or 5 yr life cycle	24V DC	0~250ppm 0~1,000ppm CO	1ppm	1ppm	F.S. 3%	3선, 4(0)~20mA, 0(2)~10V	L': LCD display, 'G': anti-corrosion coating on PCB at humid environment	70mm x 123mm x 43mm
CO	COD-400		Wall-transmitter with relays	Eelectro Chemical	Precise, Stable, 5 yr life cycle	24VAC/DC	0~250ppm 0~1,000ppm CO	1ppm	1ppm	F.S. 3%	2 relays 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': anti-corrosion coating on PCB at humid environment	70mm x 123mm x 43mm
CO	COD-700 / CD-700 (CO)		Wall-transmitter with two relays or RS485Modbus	Eelectro Chemical	Precise, Stable, 5 yr life cycle	24V DC/AC		1ppm	1ppm	F.S. 3%	RS485 Modbus or 2 relays with 4(0)~20mA or 0(2)~10V	L': LCD display, 'G': anti-corrosion coating on PCB at humid environment	70mm x 123mm x 48mm
CO	CO-SM20-PF		flow-thru (suction) type module	Eelectro Chemical	leakage detection, Industrial site, Precise, Stable, 5 yr life cycle	3.3V, 5V	0~250ppm 0~1,000ppm CO	1ppm	1ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	L': Low Power with sleep mode, 'G': anti-corrosion coating on PCB at humid environment	58mm x 59.4mm x 26mm
CO	AQM-200		Transmitter (RS485 Modbus)	CO2 : NDIR CO : E.C. Temp/Humid., VOC : Semi-conductor	leakage detection, Precise, Stable, 5 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~1,000ppm CO	1ppm	1ppm	F.S. 3%	4wired:RS-485M 3/4wired: A-out either 4(0)~20mA, 0(2)~10V	L': LCD addition, 'G': anti-corrosion coating on PCB at humid environment CO+CO2 Combo	85mm x 136mm x 24mm
CO	MB350D-CO		Monitor with SD-card, WiFi, RS485ModBus	Eelectro Chemical	Schools, Hospitals, Homes and offices Industrial	12VDC adapter is included	0~1,000ppm CO	1ppm	1ppm	F.S. 3%	USB, SD-Card, RS485Modbus, Wifi	G': anti-corrosion coating on PCB at humid environment CO+CO2 Combo	135mm x 90mm x 28mm
CO	MB350-CO with LED		Monitor with LED-Display	Eelectro Chemical	Schools, Hospitals, Homes and offices Industrial	12VDC adapter is included	0~1,000ppm CO	1ppm	1ppm	F.S. 3%	W': Wifi support, CO2+CO combo	'D': SD-Card, LED display size, 'T': Temp, 'H': Humid.	135mm x 90mm x 28 mm











<b>CO</b>	CO-MT200H		usb C-type	Eelectro Chemical	Hand carriable leakage detector with buzzer at camp or industrial sites, operate with android App. 5 yr life cycle	USB from battery, phone, pc, laptop	0~1,000ppm CO	1ppm	1ppm	F.S. 3%	USB- C type, Buzzer for CO, alert drivers or workers	G': anti-corrosion coating on PCB at humid environment	70mm x 26mm x 18mm
<b>NDIR CO</b>	CO-Z360, CO-Z800		Flow-through type sensor or Transmitter	NDIR Dual-beam	CO leakage detector or CO instrument in industrial sites.	12VDC	0~1,000ppm 0~5,000ppm CO	10ppm	20ppm	F.S. 3%	UART, 4~20mA, RS485 Modbus	G': anti-corrosion coating on PCB at humid environment	145mm x 75mm x 50mm
<b>NDIR CO</b>	CO-FGA5000		Flow-through type Analyzer with air-pump & Filter	NDIR Dual-beam	CO leakage detector or CO instrument in industrial sites.	12VDC	0~1,000ppm 0~5,000ppm CO	10ppm	20ppm	F.S. 3%	4~20mA, RS485 Modbus	G': anti-corrosion coating on PCB at humid environment	200mm x 270mm x 80mm

## Methane (CH<sub>4</sub>) or C<sub>x</sub>H<sub>y</sub> (C<sub>2</sub>~C<sub>5</sub>)' hydrocarbon gas sensing modules, transmitters, monitors and analyzer



Sensing gas	Product name	Image	Sensor type	Technology	Usage with characteristics	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
CH <sub>4</sub>	CH4-L50		cylindrical module with digital TTL output	NDIR Dual-beam	leakage detection, Industrial site, 5 yr life cycle	3.3V, 5V	0~100% LEL	1% LEL (500 ppm)	2% LEL (1000 ppm)	F.S. 3%	UART, Analog(option)	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas	21.2mm (H) x 20Ø (Diameter)
CH <sub>4</sub>	CH4-D3-3V		size module with digital & analog	NDIR Dual-beam	leakage detection, Industrial site, Precise, Stable, 5 yr life cycle	3.3V, 5V	0~100% LEL	1% LEL (500 ppm)	2% LEL (1000 ppm)	F.S. 3%	UART, I2C, Option (Alarm, Aout)	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' :Sleep for battery, 'G': anti-corrosion coating on PCB,	33mm x 33mm x 13.1mm
CH <sub>4</sub>	CH4-S3-3V		size module with digital & analog	NDIR	leakage detection, Industrial site, 5 yr life cycle	3.3V, 5V	0~100% LEL	1% LEL (500 ppm)	2% LEL (1000 ppm)	F.S. 3%	UART, I2C, Option (Alarm, Aout)	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas 'L' :Sleep for battery, 'G': anti-corrosion coating on PCB,	33mm x 33mm x 13.1mm
CH <sub>4</sub>	CH4-T2-3V		size module with digital & analog	NDIR	leakage detection, Industrial site, 5 yr life cycle	3.3V, 5V	0~100% LEL	1% LEL (500 ppm)	4% LEL (2000 ppm)	F.S. 3%	UART, I2C, Option (Alarm, Aout)	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' :Sleep for battery, 'G': anti-corrosion coating on PCB,	19.4mm x 30mm x 10.3mm
CH <sub>4</sub>	CH4-LD-3V (CH4-LF-3V)		Diffusion or, Flow through (suction) type	NDIR Dual-beam	leakage detection, Industrial site, Precise, Stable, 5 yr life cycle	3.3V	0~5,000ppm, 0~100% LEL	0.1% LEL (50 ppm)	0.2% LEL (100 ppm)	F.S. 3%	UART, I2C, Optional (Aout)	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' :Sleep for battery, 'G': anti-corrosion coating on PCB,	40mm x 38mm x 18.5mm
CH <sub>4</sub>	CH4-K100D (CH4-K100F)		Diffusion or, Flow through (suction) type	NDIR, Single, Dual-beam	leakage detection, Industrial site, Precise, Stable, 5 yr life cycle	12VDC, 5V, 3.3V	0~5,000ppm, 0~100% LEL	20ppm	0.2% LEL (100 ppm)	F.S. 3%	UART, I2C, Optional (Analog, RS485)	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' :Sleep for battery, 'G': anti-corrosion coating on PCB,	76mm x 64mm x 22mm
CH <sub>4</sub>	CH4-CD300		Transmitter with analog output	NDIR Dual-beam	leakage detection, Industrial site, 5 yr life cycle	24V DC	0~100% LEL	1% LEL (500 ppm)	2% LEL (1000 ppm)	F.S. 3%	4(0)~20mA, 0(2)~10V	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' : LCD display, 'G': anti-corrosion coating on PCB,	70mm x 123mm x 43mm
CH <sub>4</sub>	CH4-CD400		Transmitter with two relays	NDIR Dual-beam	leakage detection, Industrial site, 5 yr life cycle	3wired: 24VDC 4wired: 24VAC/DC	0~100% LEL	1% LEL (500 ppm)	2% LEL (1000 ppm)	F.S. 3%	2 relays 4(0)~20mA, 0(2)~10V, 0(1)~5V	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' : LCD display, 'G': anti-corrosion coating on PCB, 'T': Temp.	70mm x 123mm x 43mm
CH <sub>4</sub>	CH4-CD700		Transmitter with two relays or RS485Modbus	NDIR Dual-beam	leakage detection, Industrial site, 5 yr life cycle	24V DC/AC	0~100% LEL	1ppm	1ppm	F.S. 3%	RS485 Modbus or 2 relays with 4(0)~20mA or 0(2)~10V	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas, 'L' : LCD display, 'G': anti-corrosion coating on PCB, 'T': Temp., 'H': Humid.	70mm x 123mm x 48mm
CH <sub>4</sub>	CH4-D3-PF		flow-thru type	NDIR Dual-beam	leakage detection, Industrial site, Precise, Stable, 5 yr life cycle	3.3V, 5V	0~100% LEL	1% LEL	2% LEL	F.S. 3%	Either UART, I2C,PWM,Alarm or Analog vottage.	C <sub>x</sub> H <sub>y</sub> : detect either C <sub>2</sub> ~ C <sub>5</sub> hydrocarbon gas	58mm x 59.4mm x 26mm

CH4	CH4-MT200H		usb A-type	NDIR	LED blinking to alert sleepy driver, operating with android App.	3.5V ~ 5.2V (USB)	0~100% LEL	1% LEL	2% LEL	F.S. 3%	CH4 LED blink to alert drivers or workers	CxHy: detect either C2~ C5 hydrocarbon gas, 'G': anti-corrosion coating on PCB,	71.5mm x 26mm x 17mm
CH4	MB350D-CH4		Monitor with LED-Display	NDIR	Schools, Hospitals, Homes and offices Industrial sites.	12VDC adapter	0~100% LEL	1% LEL	2% LEL	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	CxHy: detect either C2~ C5 hydrocarbon gas, 'G': anti-corrosion coating on PCB, 'T': Temp., 'H': humid, 'C': CO gas	135mm x 90mm x 28mm
CH4	MB350-CH4 LED Display		Monitor with LED-Display	NDIR Dual-beam	Schools, Hospitals, Homes and offices Industrial sites.	12VDC adapter	0~100%LEL	F.S. 1%	F.S. 2%	F.S. 3%	W: Wifi support, CH4+CO combo	CxHy: detect either C2~ C5 hydrocarbon gas, 'G': anti-corrosion coating on PCB, 'T': Temp., 'H': humid, 'C': CO gas	135mm x 90mm x 28 mm
CH4	CH4-Z360, CH4-Z800		Flow-through type sensor or Transmitter	NDIR Dual-beam	Low concentration measurement in scientific or Industrial sites	12VDC	0~1,000ppm 0~5,000ppm 0~ 10,000ppm	10ppm	20ppm	F.S. 3%	UART, 4~20mA, RS485 Modbus	CxHy: detect either C2~ C5 hydrocarbon gas 'G': anti-corrosion coating on PCB.	145mm x 75mm x 50mm
CH4	CH4-FGA5000		Flow-through type methane gas Analyzer with air-pump & Filter	NDIR Dual-beam	Instrument & analyzer to measure Low concentration	12VDC	0~1,000ppm 0~5,000ppm 0~ 10,000ppm	10ppm	20ppm	F.S. 3%	UART, 4~20mA, RS485 Modbus	CxHy: detect either C2~ C5 hydrocarbon gas 'G': anti-corrosion coating on PCB,	200mm x 270mm x 80mm
CH4	THC-FGA5000		Flow-through type Total Hydrocarbon gas Analyzer with air-pump & Filter	NDIR Dual-beam	Instrument & analyzer to detect Low to measure Low concentration	12VDC	0~1,000ppm 0~5,000ppm 0~ 10,000ppm	10ppm	20ppm	F.S. 3%	4~20mA, RS485 Modbus	CxHy: detect either C2~ C5 hydrocarbon gas, 'G': anti-corrosion coating on PCB.	200mm x 270mm x 80mm



## Ethylene (C2H4) gas sensing modules, transmitters, monitors and analyzer

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
C2H4	C2H4-SM30-3V		module with digital TTL output	Eelectro Chemical (E.C.)	0~10: agricultural produce storage 0~100,1000: matureness monitoring	3.3V	0~10ppm, 0~100ppm, 0~1000ppm	F.S. 0.1%	F.S. 0.2%	F.S. 3%	UART, I2C, Option (Alarm, PWM)	2.7V operatable for battery	33mm x 33mm x 23mm (L,D,H)
C2H4	C2H4-D3-3V		module with digital/analog TTL output	NDIR Dual-beam	leakage monitoring	3.3V, 5V	0~100% LEL (0~ 27000ppm)	F.S. 1%	F.S. 2%	F.S. 3%	UART, I2C, Alarm	5 V operaton, 'L' : sleep mode,'G': anti-corrosion coating on PCB.	33mm× 33mm× 13.1mm (L,D,H)
C2H4	C2H4-LD-3V (C2H4-LF-3V)		module with digital/analog TTL output	NDIR Dual-beam	agricultural produce, matureness monitoring, leakage monitoring	3.3VDC	0~2000, 5000ppm, 0~ 100% LEL	F.S. 1%	F.S. 2%	F.S. 3%	UART, I2C, Alalog	F' : Flow thru type is orderable instead of Diffusion	40mmx 38mmx 18.5mm (L,D,H)
C2H4	C2H4-K100D (C2H4-K100F)		module with digital/analog TTL output	NDIR Dual-beam	agricultural produce, matureness monitoring, leakage monitoring	12VDC	0~2000, 5000ppm, 0~ 100% LEL	F.S. 1%	F.S. 2%	F.S. 3%	UART, I2C, Analog, RS485 (옵션)	F' : Flow thru type is orderable instead of Diffusion	76mmx 64mmx 22mm (L,D,H)
C2H4	C2H4-CD300		Transmitter with analog output	E.C. (0~10,100,1000) NDIR (0~100% LEL)	agricultural produce, storgae, matureness monitoring & control, leakage detection	3wired: 24VDC 4wired :24VAC/DC	0~10,100,1000, 2000,5000, 0~100%LEL	F.S. 1%	F.S. 2%	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L' : LCD display, 'G': anti-corrosion coating on PCB	123mm x 70mm x 43mm (L,D,H)
C2H4	C2H4-CD400		Transmitter with two relays	E.C. (0~10,100,1000) NDIR (0~100% LEL)	agricultural produce, storgae, matureness monitoring & control, leakage detection	3wired: 24VDC 4wired :24VAC/DC	0~10,100,1000, 2000,5000, 0~100%LEL	F.S. 1%	F.S. 2%	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L' : LCD display, 'G': anti-corrosion coating on PCB	123mm x 70mm x 43mm (L,D,H)
C2H4	C2H4-CD700		Transmitter with two relays or RS485Modbus	E.C. (0~10,100,1000) NDIR (0~100% LEL)	agricultural produce, storgae, matureness monitoring & control, leakage detection	24V DC/AC	0~10,100,1000, 2000,5000, 0~100%LEL	F.S. 1%	F.S. 2%	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L' : LCD display,	70mm x 123mm x 48mm
C2H4	C2H4-SM30-PF		flow-thru (suction) type	E.C. (0~10,100,1000) NDIR (0~100% LEL)	agricultural produce, storgae, matureness monitoring & control, leakage detection	3.3V, 5V	0~10,100,1000, 2000,5000, 0~100%LEL	F.S. 1%	F.S. 2%	F.S. 3%	either UART, I2C,PWM, or Alarm for both, Analog voltage for NIR only.	2.7V operatable for battery	58mm x 59.4mm x 26mm (L,D,H)
C2H4	MB350-C2H4, MB350D-C2H4, MB350WD-C2H4		Monitor or transmitter with RS485ModBus comm.	E.C. (0~10,100,1000) NDIR (0~100% LEL)	detect gas to alarm toxication or suffocation at explosive industrial sites	12VDC adapter	0~10, 100, 1000ppm, 0~100%LEL	E.C. F.S.0.1%, NDIR F.S. 1%	E.C. F.S.0.2% NDIR, F.S. 2%	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage, Stand or Wall type.	135mm x 90mm x 28 mm
C2H4	MB350-C2H4 LED Display		Monitor with LED-Display OR transmitter with RS485ModBus comm.	E.C. (0~10,100,1000) NDIR (0~100% LEL)	alarm on detect and alarm with toxication or suffocation at explosive industrial sites	12VDC adapter	0~10, 100, 1000ppm, 0~100%LEL	E.C. F.S.0.1%, NDIR F.S. 1%	E.C. F.S.0.2% NDIR, F.S. 2%	F.S. 3%	전광판 출력 Wifi 무선	SD-card for data storage LED display size	135mm x 90mm x 28 mm





<b>C2H4</b>	C2H4-Z360, C2H4-Z800		Flow thru type Module or transmitter with RS485ModBus	NDIR Dual-beam	Environement or industrial application	12VDC	0~1,000ppm 0~5,000ppm 0~ 10,000ppm	F.S. 1%	F.S. 2%	F.S. 3%	UART, 4~20mA, RS485 Modbus	'G': anti-corrosion coating on PCB	145mm x 75mm x 50mm
<b>C2H4</b>	C2H4-FGA5000		Filter, Pump driven analyzer with RS485ModBus	NDIR Dual-beam	Environement or industrial application	12VDC	0~1,000ppm 0~5,000ppm 0~ 10,000ppm	F.S. 1%	F.S. 2%	F.S. 3%	4~20mA, RS485 Modbus	'G': anti-corrosion coating on PCB	200mm x 270mm x 80mm

## Acetylene (C2H2) gas sensing Transmitters and analyzers

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
C2H2	C2H2-Z360, C2H2-Z800		Flow thru type transmitter with RS485ModBus	NDIR Dual-beam	Dissolved gas analyzer (DGA) or other industrial applications	12VDC	0~200ppm 0~1,000ppm 0~5,000ppm	5ppm	5ppm	F.S. 3%	UART, 4~20mA, RS485 Modbus	'G': anti-corrosion coating on PCB	145mm x75mm x 50mm, 185mmx 85mm x
C2H2	C2H2-FGA5000		Filter, Pump driven analyzer with RS485ModBus	NDIR Dual-beam	Dissolved gas analyzer (DGA) or other industrial applications	12VDC	0~200ppm 0~1,000ppm 0~5,000ppm	5ppm	5ppm	F.S. 3%	4~20mA, RS485 Modbus	'G': anti-corrosion coating on PCB	200mm x 270mm x 80mm









## Tetrafluoromethane(CF4-carbon tetrafluoride) gas sensing transmitter and analyzer.

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension(W, L,H)
CF4	CF4-Z360, CF4-Z800		Flow thru type transmitter with RS485ModBus	NDIR Dual-beam	For scrubber, For semiconductor gas measurement or other industrial applications	12VDC	0~500ppm 0~1,000ppm 0~5,000ppm	1ppm	1ppm	F.S. 3%	UART, 4~20mA, RS485 Modbus	Gas Measurement range, Output	145mm x75mm x 50mm, 185mmx 85mm x
CF4	CF4-FGA5000		Filter, Pump driven analyzer with RS485ModBus	NDIR Dual-beam	For scrubber, For semiconductor gas measurement or other industrial applications	12VDC	0~500ppm 0~1,000ppm 0~5,000ppm	1ppm	1ppm	F.S. 3%	4~20mA, RS485 Modbus	Gas Measurement range, Output	200mm x 270mm x 80mm









## Oxygen (O2) gas sensing modules, transmitters, monitors and analyzers

Gas type	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
O2	O2-SM30-3V		module with digital TTL output	E.C./ Fluorescence	detect oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	3.3V	0~25% O2	0.01%	0.50%	F.S. 2%	UART, I2C, Option (Alarm, PWM)	G': anti-corrosion coating on PCB, 5yr life cycle model is available.	33mm x 33mm x 23mm(H)
O2	O2-CD300 or CD-300 (O2)		Transmitter with analog output	E.C./ Fluorescence	detect oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	3wired : 24VDC	0~25% O2	0.01%	0.50%	F.S. 2%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable, 5yr life cycle model is available.	70mm x 123mm x 43mm
O2	O2-CD400(Relay)		Transmitter with two relays	E.C./ Fluorescence	alarm on oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	3 wired :24VDC or 4 wired 24VAC/DC	0~25% O2	0.01%	0.50%	F.S. 2%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable, 5yr life cycle model is available.	70mm x 123mm x 43mm
O2	CD-700-O2 or O2-CD700		Transmitter with two relays or RS485Modbus	E.C./ Fluorescence	alarm on oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	24V DC/AC	0~25% O2	0.01%	0.50%	F.S. 2%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable, 5yr life cycle model is available.	70mm x 123mm x 48mm
O2	O2-SM30-PF		flow-thru (suction) type	E.C./ Fluorescence	alarm on oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	3.3V	0~25% O2	0.01%	0.50%	F.S. 2%	either UART, I2C,PWM, or Alarm	G': anti-corrosion coating on PCB, 5yr life cycle model is available.	58mm x 59.4mm x 26mm
O2	MB350D-O2		Transmitter	E.C./ Fluorescence	detect oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	12VDC adapter	0~25% O2	0.01%	0.50%	F.S. 2%	SD-card, RS485 Modbus or Wifi	Stand or Wall type, module purchase supportable, 5yr life cycle model is available.	135mm x 90mm x 28mm
O2	MB350-O2 LED Display		Monitor with LED-Display	E.C./ Fluorescence	alarm on oxygen deficit or suffocating level gas precisely & stably at industrial sites with 2yr, 5yr life cycle	12VDC adapter	0~25% O2	0.01%	0.50%	F.S. 2%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage LED display size, 5yr life cycle model is available.	135mm x 90mm x 28 mm

## Hydrogen sulfide (H2S) gas sensing modules, transmitters, monitors and analyzers

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
H2S	H2S-SM30-3V		module with digital TTL output	Eelectro Chemical	detect H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	'G': anti-corrosion coating on PCB	33mm x 33mm x 23mm
H2S	H2S-CD300 or CD-300 (H2S)		Transmitter with analog output	Eelectro Chemical	detect H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	3wired : 24VDC	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
H2S	H2S-CD400		Transmitter with two relays	Eelectro Chemical	alarm on detection H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	3 wired :24VDC or 4 wired 24VAC/DC	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
H2S	H2S-CD700 or CD-700 (H2S)		Transmitter with two relays or RS485Modbus	Eelectro Chemical	alarm on detection H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	24V DC/AC	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 48mm
H2S	H2S-SM30-PF		flow-thru (suction) type	Eelectro Chemical	detect H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	'G': anti-corrosion coating on PCB	58mm x 59.4mm x 26mm
H2S	MB350D-H2S (SD, RS485 Modbus)		Transmitter	Eelectro Chemical	detect H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	SD-card, RS485 Modbus or Wifi	Stand or Wall type, module purchase supportable.	135mm x 90mm x 28mm
H2S	MB350-H2S, MB350D-H2S, MB350WD-H2S		Monitor, 트랜스미터	E.C. (0~10,100,1000) NDIR (0~100% LEL)	detect H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~100ppm H2S	0.1ppm	0.5ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage, Stand or Wall type,	135mm x 90mm x 28 mm
H2S	MB350-H2S LED Display		Monitor with LED-Display	E.C. (0~10,100,1000) NDIR (0~100% LEL)	detect H2S toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~100ppm H2S	0.1ppm, (LCD:1ppm LED:0.1ppm format)	0.5ppm	F.S. 3%	USB, LED, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage LED display size	135mm x 90mm x 28 mm








## Ammonia (NH3) gas sensing modules, transmitters, monitors and analyzers

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
NH3	NH3-SM30-3V		module with digital TTL output	Eelectro Chemical	detect NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~100ppm NH3	0.1ppm	0.5ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	G': anti-corrosion coating on PCB	33mm x 33mm x 23mm
NH3	NH3-CD300 or CD-300 (NH3)		Transmitter with analog output	Eelectro Chemical	detect NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~100ppm NH3	0.1ppm	0.5ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment,, module purchase supportable.	70mm x 123mm x 43mm
NH3	NH3-CD400		Transmitter with two relays	Eelectro Chemical	alarm on detection NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~100ppm NH3	0.1ppm	0.5ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
NH3	NH3-CD700 or CD-700 (NH3)		Transmitter with two relays or RS485Modbus	Eelectro Chemical	alarm on detection NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	24V DC/AC	0~100ppm NH3	0.1ppm	0.5ppm	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L': LCD display, 'G': Coating for harsh environment,, module purchase supportable.	70mm x 123mm x 48mm
NH3	NH3-SM30-PF		flow-thru (suction) type	Eelectro Chemical	detect NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~100ppm NH3	0.1ppm	0.5ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	G': anti-corrosion coating on PCB	58mm x 59.4mm x 26mm
NH3	MB350D-NH3 (SD카드, RS485 Modbus)		Transmitter	Eelectro Chemical	detect NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~100ppm NH3	0.1ppm	0.5ppm	F.S. 3%	SD-card, RS485 Modbus or Wifi	Stand or Wall type,	135mm x 90mm x 28mm
NH3	MB350-NH3, MB350D-NH3, MB350WD-NH3		Monitor	Eelectro Chemical	detect NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~100ppm NH3	0.1ppm, LCD:1ppm format	0.5ppm	F.S. 3%	USB, SD-Card, RS485 Modbus, or Wifi	Stand or Wall type, SD-card for data storage,	135mm x 90mm x 28 mm
NH3	MB350-C2H4 LED Display		Monitor with LED-Display	Eelectro Chemical	detect NH3 toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~100ppm NH3	0.1ppm, (LCD:1ppm LED:0.1ppm format)	0.5ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage, LED display size	135mm x 90mm x 28 mm









## Nitrogen dioxide (NO2) gas sensing modules, transmitters, monitors and analyzers.

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
NO2	NO2-SM30-3V		module with digital TTL output	E.C.	detect NO2 gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~10ppm 0~20ppm NO2	0.01ppm	0.1ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	'G': anti-corrosion coating on PCB	33mm x 33mm x 23mm (L,D,H)
NO2	NO2-CD300 or CD-300 (NO2)		Transmitter with analog output	E.C.	detect NO2 gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~10ppm 0~20ppm NO2	0.01ppm	0.1ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
NO2	NO2-CD400		Transmitter with two relays	E.C.	alarm on detection NO2 gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~10ppm 0~20ppm NO2	0.01ppm	0.1ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
NO2	NO2-CD700 or CD-700 (NO2)		Transmitter with two relays or RS485Modbus	E.C.	alarm on detection NO2 gas precisely & stably at industrial sites with 2 yr life cycle	24V DC/AC	0~10ppm 0~20ppm NO2	0.01ppm	0.1ppm	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 48mm
NO2	NO2-SM30-PF		flow-thru (suction) type	E.C.	detect NO2 gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~10ppm 0~20ppm NO2	0.01ppm	0.1ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	'G': anti-corrosion coating on PCB	58mm x 59.4mm x 26mm
NO2	MB350D-NO2 (SD카드, RS485 Modbus)		Transmitter	E.C.	detect NO2 gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~10ppm 0~20ppm NO2	0.01ppm	0.1ppm	F.S. 3%	SD-card, RS485 Modbus or Wifi	Stand or Wall type,, module purchase supportable.	135mm x 90mm x 28mm
NO2	MB350-C2H4 LED Display		Monitor with LED-Display	E.C.	detect NO2 gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~10ppm 0~20ppm NO2	0.01ppm, (LCD:1ppm LED:0.01ppm format)	0.1ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage, LED display size	135mm x 90mm x 28 mm

## Sulfide oxide (SO<sub>2</sub>) gas sensing modules, transmitters, monitors and analyzer








Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
SO <sub>2</sub>	SO2-SM30-3V		module with digital TTL output	E.C.	detect SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	G': anti-corrosion coating on PCB	33mm x 33mm x 23mm
SO <sub>2</sub>	SO2-CD300		Transmitter with analog output	E.C.	detect SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment	70mm x 123mm x 43mm
SO <sub>2</sub>	SO2-CD300 or CD400(SO <sub>2</sub> )		Transmitter with two relays	E.C.	alarm on detection SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L': LCD display, 'G': Coating for harsh environment	70mm x 123mm x 43mm
SO <sub>2</sub>	SO2-CD700 (RS485 Modbus)		Transmitter with two relays or RS485Modbus	E.C.	alarm on detection SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	24V DC/AC	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L': LCD display, 'G': Coating for harsh environment	70mm x 123mm x 48mm
SO <sub>2</sub>	SO2-SM30-PF		flow-thru (suction) type	E.C.	detect SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	G': anti-corrosion coating on PCB	58mm x 59.4mm x 26mm
SO <sub>2</sub>	MB350D-SO <sub>2</sub> (SD카드, RS485 Modbus)		Transmitter	E.C.	detect SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	SD-card, RS485 Modbus or Wifi	Stand or Wall type, module purchase supportable.	135mm x 90mm x 28mm
SO <sub>2</sub>	MB350-C2H4 LED Display		Monitor with LED-Display	E.C.	detect SO <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~20ppm 0~100ppm SO <sub>2</sub>	0.01ppm, (LCD:1ppm LED:0.01ppm format)	0.1ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage, LED display size	135mm x 90mm x 28 mm

## Hydrogen (H<sub>2</sub>) gas sensing modules, transmitters, monitors and analyzers

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
H <sub>2</sub>	H2-SM30-3V		module with digital TTL output	E.C.	detect H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	출력방식 'G': anti-corrosion coating on PCB	33mm x 33mm x 23mm
H <sub>2</sub>	H2-CD300 or CD-300 (H <sub>2</sub> )		Transmitter with analog output	E.C.	detect H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
H <sub>2</sub>	H2-CD400		Transmitter with two relays	E.C.	alarm on detection H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3wired: 24VDC 4wired :24VAC/DC	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
H <sub>2</sub>	H2-CD700 (RS485 Modbus)		Transmitter with two relays or RS485Modbus	E.C.	alarm on detection H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	24V DC/AC	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 48mm
H <sub>2</sub>	H2-SM30-PF		flow-thru (suction) type	E.C.	detect H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	'G': anti-corrosion coating on PCB	58mm x 59.4mm x 26mm
H <sub>2</sub>	MB350D-H2 (SD카드, RS485 Modbus)		Transmitter	E.C.	detect H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	SD-card, RS485 Modbus or Wifi	Stand or Wall type, module purchase supportable.	135mm x 90mm x 28mm
H <sub>2</sub>	MB350-C2H4, MB350D-C2H4, MB350WD-C2H4		Monitor	E.C.	detect H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	Stand or Wall type, SD-card for data storage,	135mm x 90mm x 28 mm
H <sub>2</sub>	MB350-C2H4 LED Display		Monitor with LED-Display	E.C.	detect H <sub>2</sub> gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~2000ppm H <sub>2</sub>	1ppm	2ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage, LED display size	135mm x 90mm x 28 mm



## Chlorone (Cl<sub>2</sub>) gas sensing modules, transmitters, monitors and analyzers.

Sensing gas	Product name	Image	Characteristics	Technology	Usage	Power	Range	Resolution	L.D.L.	Accuracy	Output	Option	Dimension (W,L,H)
Cl <sub>2</sub>	Cl <sub>2</sub> -SM30-3V		module with digital TTL output	E.C.	detect Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~20ppm Cl <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	UART, I2C, Option (Alarm, PWM)	'G': anti-corrosion coating on PCB	33mm x 33mm x 23mm
Cl <sub>2</sub>	Cl <sub>2</sub> -CD300 or CD-300 (Cl <sub>2</sub> )		Transmitter with analog output	E.C.	detect Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	24V DC	0~20ppm Cl <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
Cl <sub>2</sub>	Cl <sub>2</sub> -CD400		Transmitter with two relays	E.C.	alarm on detection Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	24V DC	0~20ppm Cl <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	Two relays, 4(0)~20mA, 0(2)~10V, 0(1)~5V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 43mm
Cl <sub>2</sub>	Cl <sub>2</sub> -CD700 (RS485 Modbus)		Transmitter with two relays or RS485Modbus	E.C.	alarm on detection Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	24V DC/AC	0~20ppm Cl <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	Two relays, RS485 Modbus 4(0)~20mA, 0(2)~10V	L: LCD display, 'G': Coating for harsh environment, module purchase supportable.	70mm x 123mm x 48mm
Cl <sub>2</sub>	Cl <sub>2</sub> -SM30-PF		flow-thru (suction) type	E.C.	detect Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	3.3V	0~20ppm Cl <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	either UART, I2C,PWM, or Alarm	'G': anti-corrosion coating on PCB	58mm x 59.4mm x 26mm
Cl <sub>2</sub>	MB350D-Cl <sub>2</sub> (SD卡, RS485 Modbus)		Transmitter	E.C.	detect Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~20ppm Cl <sub>2</sub>	0.01ppm	0.1ppm	F.S. 3%	SD-card, RS485 Modbus or Wifi	Stand or Wall type, module purchase supportable.	135mm x 90mm x 28mm
Cl <sub>2</sub>	MB350-Cl <sub>2</sub> LED Display		Monitor with LED-Display	E.C.	detect Cl <sub>2</sub> toxic gas precisely & stably at industrial sites with 2 yr life cycle	12VDC adapter	0~20ppm Cl <sub>2</sub>	0.01ppm, (LCD:1ppm LED:0.01ppm format)	0.1ppm	F.S. 3%	USB, SD-Card, RS485Modbus, 'W': Wifi	SD-card for data storage LED display size	135mm x 90mm x 28 mm