

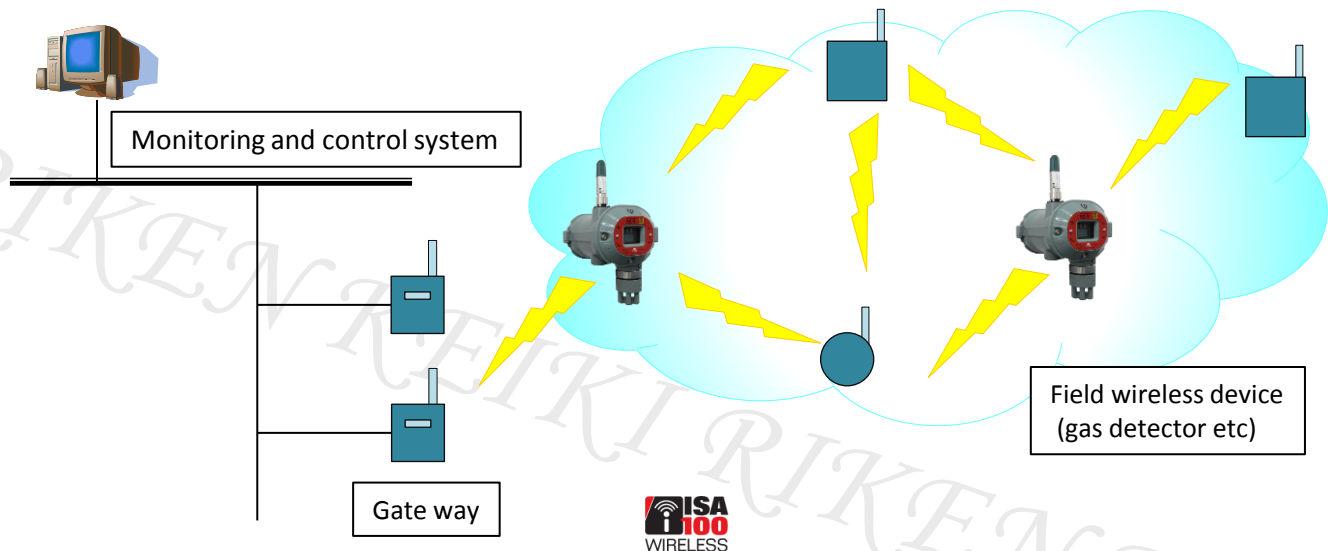
Specifications

Model	SDWL-1RI	SDWL-1EC	SDWL-10X
Detection principle	N.D.I.R.	Electrochemical	Galvanic Cell
Detectable gas	Combustible gases	Hydrogen Sulfide Carbon monoxide	Oxygen
Detection range	0-100%LEL	H2S : 0-30ppm 0-50ppm or 0-100ppm CO : 0-75ppm 0-150ppm 0-200ppm or 0-200ppm 0-250ppm 0-300ppm	0-25vol%
Display	LCD		
Detection method	Diffusion sampling		
Alarm preset	ALM1 : 25%LEL ALM2 : 50%LEL (2 points) Non-latched	TLV/TWA and STEL (2 points) Non-latched	L-ALM :18vol% LL-ALM:18vol% (2 points) Non-latched
Diagnosis	System (circuit) fail, Sensor fail, Power lamp, Fail lamp		

Wireless function

Wireless protocol	ISA100 11a (IEEE802.15.4)		
Frequency band range	2400MHz to 2483.5MHz (Less than 12dBm)		
Communication distance	Max. 600m		
Applicable standard	JPN R&TTE(EU), FCC(USA), C(Canada)		
EMC	EN50270. EN61326-1		
Power supply	Li/SOCI2 Battery "Sulfur oxychloride lithium battery"		
Operation time	one year	2 years	
Operating temp.	-20 to +60 °C		-10 to +40°C
Operating humidity	Less than 95%RH (non-condensation)	30-80%RH (non-condensation)	Less than 95%RH (non-condensation)
Ingress class	IP65		
Mounting	2B pole stand or wall mounting		
Safety structure	Flame proof + Intrinsic safety		
Safety class	Exiad IICT4		
Outer dimension	157(W) x 306(H) x 206(D)mm		
Weight	5.5kg		
Painting color	Munsel 7.5BG5/2		
Accessories	Magnet control key		
Option	Pole mounting U-bolt, Cable grand, Sun shade cover, Splash Guard, Weather proof cap		

System configuration



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