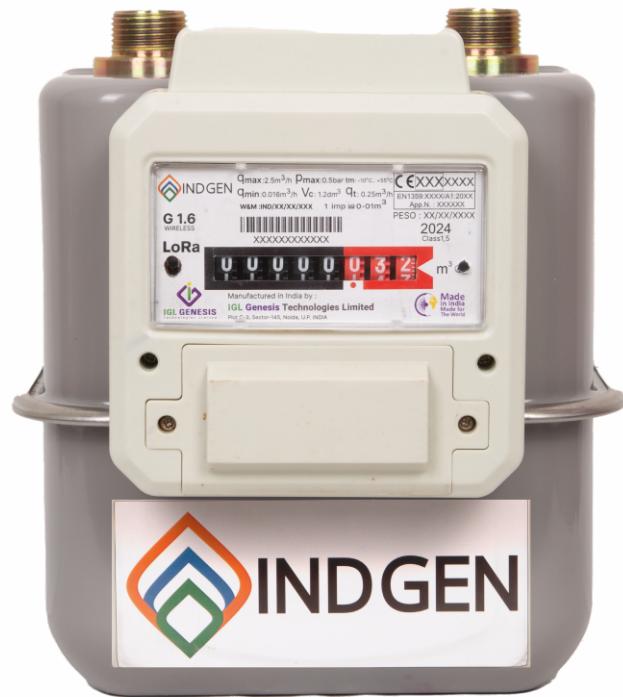


## LoRa Serial WireLess Remote Gas Meter

# LoRa



1. Counting function
2. Meter reading function
3. RTC function
4. Data freeze function
5. Power monitoring
6. Data storage
7. Control function(Optional)

The WG-LoRa series meter adopts LoRa wireless spread spectrum technology to gas AMR business. According to the different types of protocol, it can be divided into WGL and WGLW series. WGL series adopts private protocol, which can realize outdoor meter reading and valve control through intelligent handheld; WGLW series adopts LoRa alliance standard protocol and constructs star network through LoRawan gateway, which can realize two way communication between end-to-end device and control master station, thus realizing remote inquiry, control and gas purchasing. Great convenience to the management and operation of gas operators, improve management efficiency, but also facilitate users.

**Enquiries:**

IGL Genesis Technologies Limited

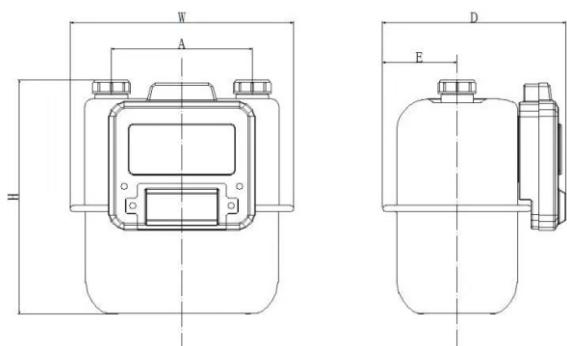
C-3, Sector 145, Gautam Buddha Nagar, Noida, Uttar Pradesh 201310

 [info@iglgenesis.com](mailto:info@iglgenesis.com)

# SPECIFICATION

Item	Unit	Parameter
Base meter		Beta meter (EN1359/R135 )
LCD Unit	$m^3$	$0.01 m^3$
LCD max display	$m^3$	999999.99 $m^3$
Frequency Range	Mhz	865Mhz 868Mhz (Customizable)
Transmitting power	dBm	20dbm(Customizable)
Transmitting current	mA	240mA@5VDC
Max work current	mA	< 300 mA
Communication protocol		LoRa (Customizable )
Communication distance	m	$\geq 1000m$
Min work current	$\mu A$	< 20 $\mu A$
Relative humidity	%	$\leq 93\%$
Work temperature	°C	10°C ~ +40°C
Store temperature	°C	20°C ~ +60°C
Pluse unit	Imp	0.01(1cubic=100Pluse)
Pluse stype		Double pulse(Holzer or reed pipe)
Power supply voltage		DC6V ( 4 AA Alkaline battery ) /DC3.6 ( ER18505 Or Equivalent model )
Battery Life		$\geq 1$ year ( AA Alkaline battery ) $\geq 10$ years (Lithium battery )
Explosion level		EXib II BT3 Gb
Protection level		IP54~IP67

# SIZE



Model	A	H	W	D	E
WG1.6A L/LW	130	221	209	176	73.8
WG2.5A L/LW					
WG4A L/LW					
WG1.6(S) L/LW					
WG2.5(S) L/LW		224	201	167	67.5
WG4(S) L/LW					

## Enquiries:

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