



Model Reference # CGW100

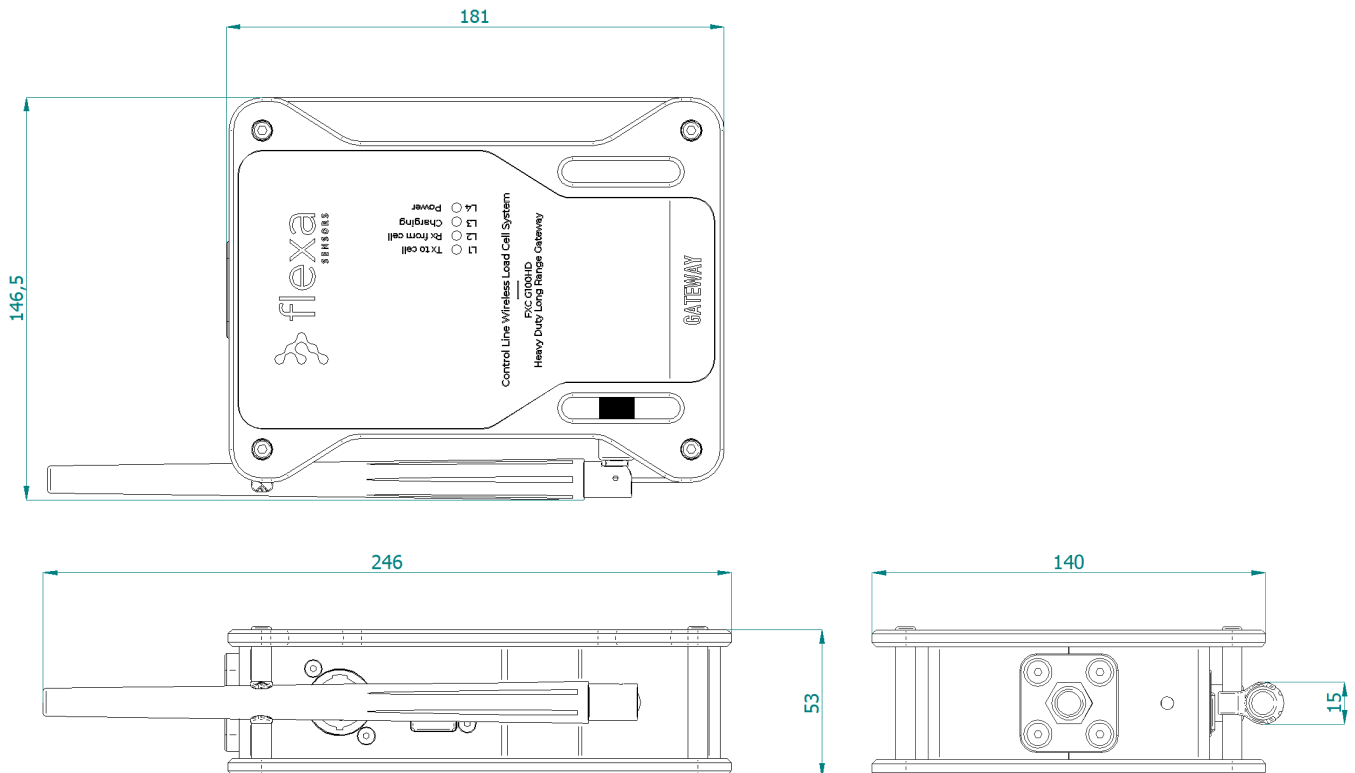
Order code # LT XFW-CGW100-1

GATEWAY CGW100- CONTROL LINE

The Gateway collects data from Flexa wireless load cells or Repeaters. The Gateway must be connected to the PC with a USB-A cable for power and data management via the Flexa Control software.

The maximum range of any wireless system depends on the propagation conditions: If the propagation between the cell and the Gateway is in line of sight, the maximum range achievable with our system is about 600 meters. In the graphs on the next page we have simulated the limitations due to various types of obstacles. Data are taken from field tests and theoretical calculations and are intended for guidance. Actual performance will be determined by site conditions.

Dimensions (mm)



Network INPUT

Rated Voltage:	100-240 V ~ 50-60 Hz (AC)
Rated Current:	0.12A/115V 0.08A/230V
Power Connector	PowerCON TRUE1 NAC3FPX-ST-TOP female connector

USB-A INPUT

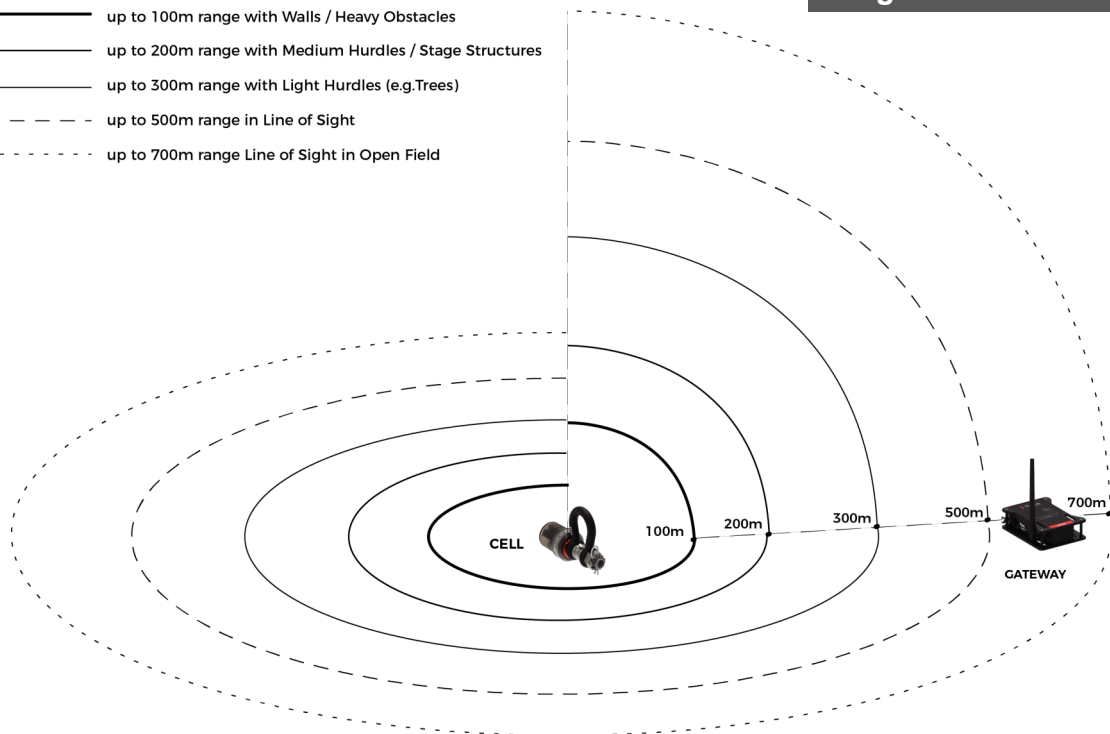
Rated Voltage:	500mA
Rated Current:	500mA

2.6Ah 18650 Backup Battery

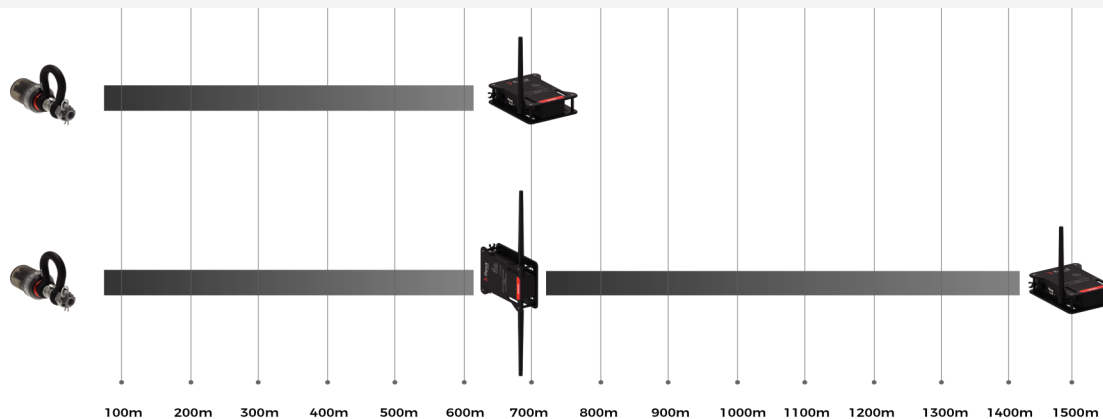
Nominal Voltage	3.7V (DC)
Battery (Integrated)	Lithium 1 x 18650
Charging time	Approx. 5Hrs

Max No. Of Total Cells per Gateway	Up to 100 Units
Max No. Of Repeaters per Gateway	Up to 5 Units
Installation	Plug & Play (no radio set up)
Status display	2 Multifunction RGB LED's + 1 Green for Rx + Blue for Tx
Radio Frequency	Sub-1GHz (868MHz for EMEA version, 915MHz for American version, more details and complete list of countries on www.flexasensors.com)
Data Storage	Local PC (connected to Gateway via USB cable)
Power on / off	With magnetic key (code LT XFW-UMK) or any other magnet
Weight	0,70 kg

- up to 100m range with Walls / Heavy Obstacles
- up to 200m range with Medium Hurdles / Stage Structures
- up to 300m range with Light Hurdles (e.g.Trees)
- - - - up to 500m range in Line of Sight
- - - - up to 700m range Line of Sight in Open Field



In case it is necessary to cover longer distances or there are large obstacles to overcome, it is possible to add Repeaters, which can be located as far as 600 meters from the cells and 700 meters from the Gateway. It is not possible to connect multiple Repeaters in series: each Repeater needs a direct connection to the Gateway



The data shown may vary without notice. Please visit our website for any updates

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