

# LoRa Project GC

- LoRaWAN Gateway + 4G: <https://www.antratek.com/dlos8-outdoor-lorawan-gateway-with-4g>
- Heltec CubeCell: <https://heltec.org/project/htcc-ab01/>
- SHT40 Temp/Hum (I2C): [https://sensirion.com/media/documents/33FD6951/61641E1E/Sensirion\\_Humidity\\_Sensors\\_SHT40\\_Datasheet.pdf](https://sensirion.com/media/documents/33FD6951/61641E1E/Sensirion_Humidity_Sensors_SHT40_Datasheet.pdf)
- LiPo Cell, 500 - 1000mAh: Connector must match the CubeCell

## Lora Documentation

### Soil Moisture Sensor Dragino LSE01

Type	DevEUI	AppEUI	AppKey	SN	DevAddr	Identified	Comment
LSE01	A840416151829000	A0000000000000101	A4FBC4B7B14D3BD6E17A9B6CAFA3A283	LST25333760	260B8B4A	yes	Rolf's garden
LSE01	A84041FC11828FFC	A0000000000000101	55A3AA44AAE59578FDF62D433D353DB1	LST25333756		no	
LSE01	A8404118F1828FFF	A0000000000000101	821D52385DD7D28EE8AF815D949A3C65	LST25333759		no	
LSN50	A8404181B18264AA	E6149547A738B81F	3F91ACB7448A13D3DAF189B576BB78E5	LHT25322666		no	
LSN50	A84041B2A18264AC	E541451297618ED8	17E82BB699C3F4F622BE221A6EA7B8CD	LHT25322668		no	
<b>Unknown</b>							
					260B3F4D	no	Received at Xanten Cathedral
					260B46DC	no	
					260BA138	no	
					260B94B9	no	
					260BEAE2	no	
					260BEEF0	no	

### LoRaWAN Gateway IMST LoRa Light Gateway

U: ttn  
P: lora2020

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<https://wireless-solutions.de/products/lora-solutions-by-imst/development-tools/lite-gateway/>

<https://youtu.be/gYJTDrRstZE>

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