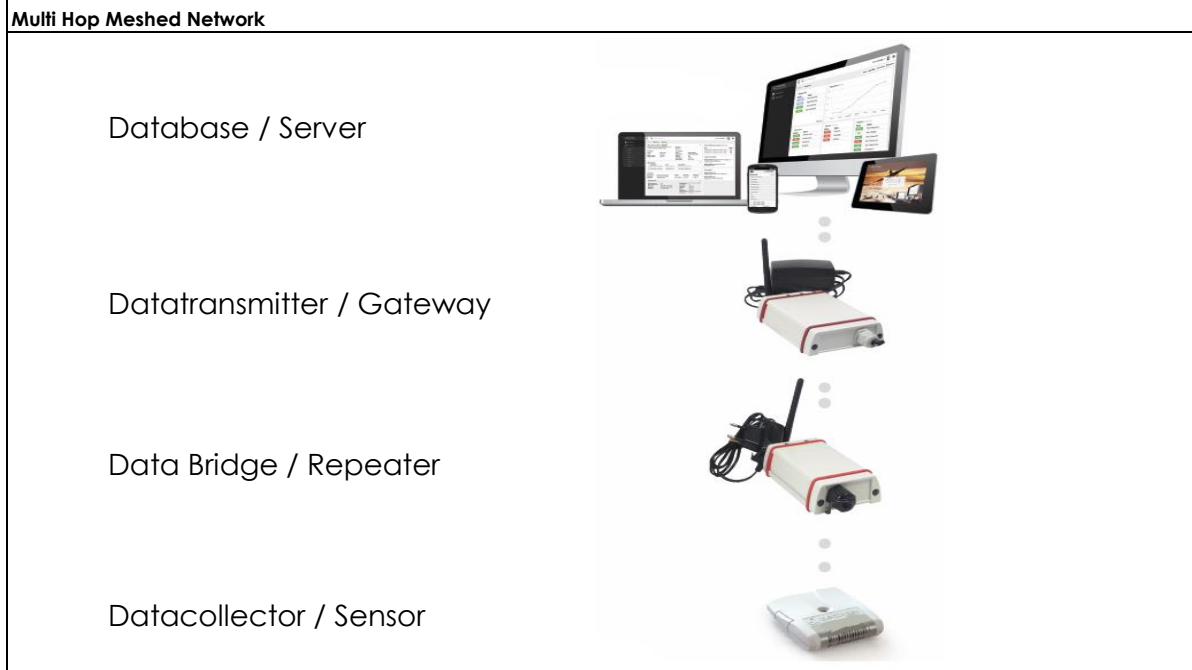




RFO Smart Sensor SP 50 (Sensor for humidity and/or temperature)



Product Description	RFO SP 50
Smart sensors are wireless data loggers that provide fully automated data collection of temperature or combined temperature and humidity conditions, eliminating manual activities and significantly improving process efficiency.	
Smart sensors automatically indicate when thresholds are about to be exceeded, enabling pro-active intervention during transportation (depending on configuration).	
Smart sensors wirelessly communicate with a wireless network consisting of a Gateway / data Transmitter and Data Bridge / Repeater that extend the range of the communication.	



Characteristics	
Battery	2xAAA Lithium Thionyl Chloride
Battery life	3-5 years (typical usage*)
Recording rate	Configurable
Memory	2 MB internal memory
Typical range	50 m (Line of Sight)
Radio	IEEE 802.15.4 PHY compliant radio at 2.4GHz
Operational temperatur	from - 40°C up to 85°C
Size	61 x 56 x 14 mm
Protection class	IP67, ABS, white
Temperature accuracy	±0.5°C at -25°C to +85°C, resolution 0.0625°C
Weight	38 grams
Compliances	FCC, IC, RoHS compliant, WEEE, CE
Article No.:	RFO SP 50
Typical Applications	
asset & facility management	Cold chain & vehicle monitoring
Applications with need for autonomous functionality	
bio/chemistry/forensic/pharmacy/environment	

