

Cloud Connector EU 4G



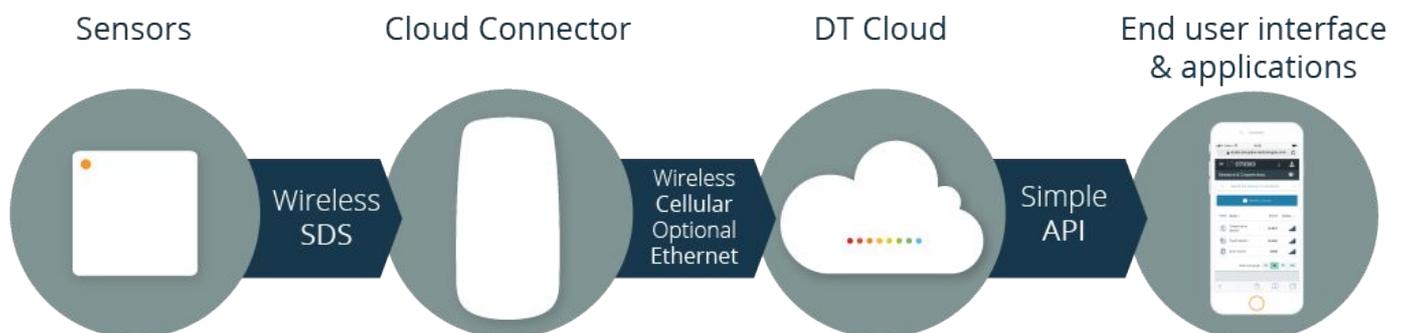
The Cloud Connector connects the whole range of SecureDataShot™ enabled Sensors to the Cloud through a Power-over-Ethernet or 4G/3G/2G cellular connection. There is no need for configuration during installation. The Cloud Connector will transparently relay traffic between all Sensors in range and the Cloud without the need of any user configuration or intervention.

Features

- Handles all SDS Sensors within range
- Seamless roaming for increased coverage
- Robust design
- Simple user interaction
- High performance radio interface for optimum range

Advantages

- Simple installation
- Maintenance free
- Low total cost of ownership



Specifications

Operating Conditions	
Temperature	0 to 45 °C
Humidity	10 to 90 % relative humidity, non-condensing
Storage Conditions	
Temperature	0 to 70 °C
Humidity	10 to 90 % relative humidity, non-condensing
Ingress protection	IP20
Dimensions, weight	130 x 65 x 40 mm, 200 g
Power supply	Power-over-Ethernet (PoE) - 36-57 V - IEEE802.3at Type 1
Power consumption	Average < 5 W (3 W typical) Peak < 19 W (< 5 ms)
	<small>The average power consumption of the Cloud Connector will vary depending on whether Ethernet or Cellular mode is used. When using Cellular, the power consumption is also dependant on the signal coverage as well as the selected radio access technology (2G, 3G or 4G).</small>
Certifications and Compliance	CE, WEEE
Frequency	Sensor interface, EU: 868 MHz SRD/ISM band, SecureDataShot™ Transmit Power < 80 mW
	LTE: LTE FDD: B1/B3/B7/B8/B20/B28A
	WCDMA: B1/B8
	GSM: 900/1800 MHz
	Output Power: Class 3 (23 ± 2 dBm) for LTE FDD bands Class 3 (24 + 1/-3 dBm) for WCDMA bands Class 4 (33 ± 2 dBm) for EGSM900 Class 1 (30 ± 2 dBm) for DCS1800 Class E2 (27 ± 3 dBm) for EGSM900 8-PSK Class E2 (26 ± 3 dBm) for DCS1800 8-PSK
Interfaces	100Base-T - RJ45