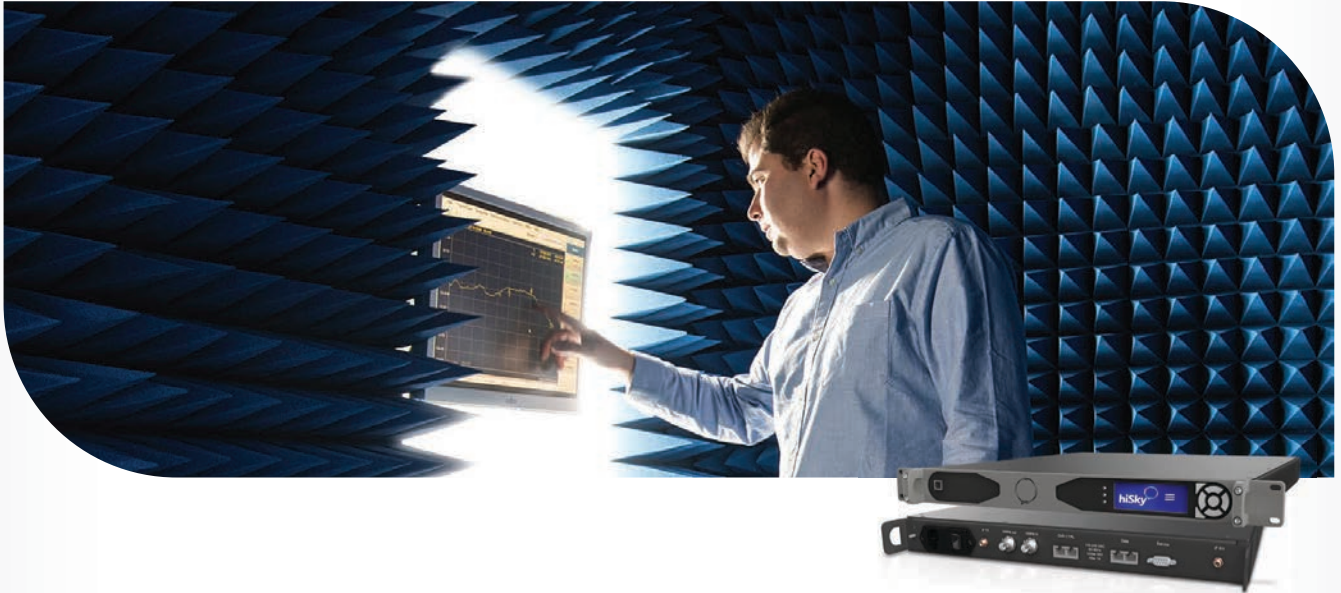


HUB



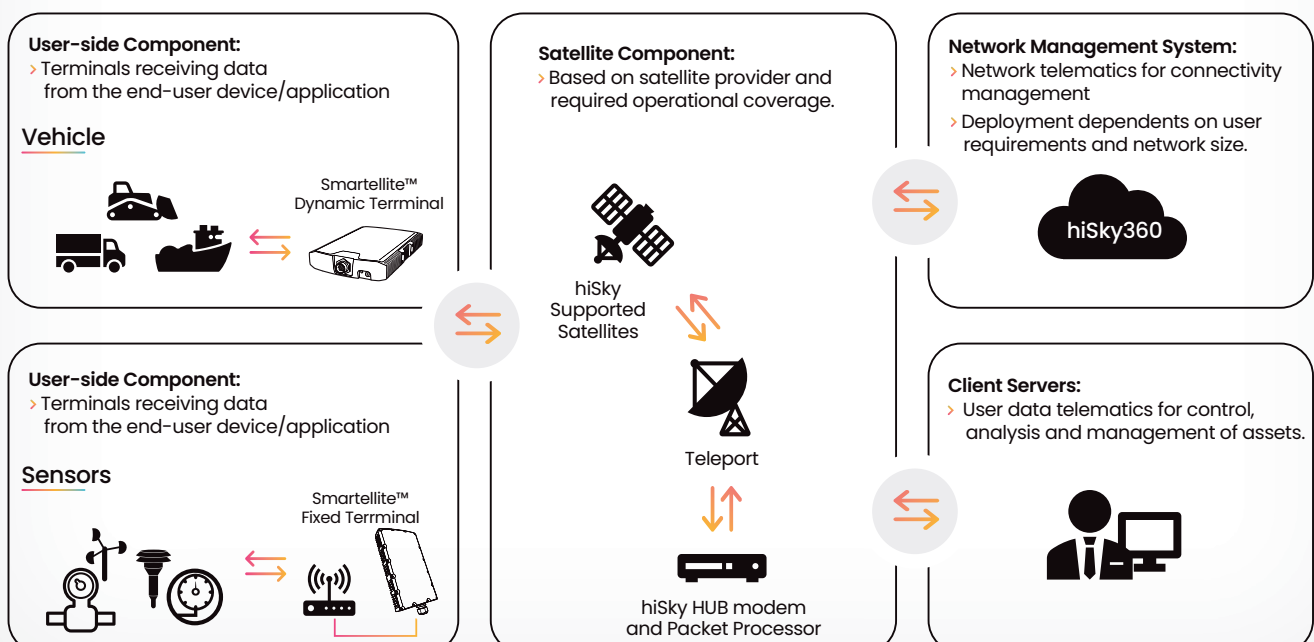
hiSky HUB modem

hiSky's HUB modem implements the hub side modem of the hiSky system. Each HUB modem unit supports multiple separate modem channels and connects to the teleport RF equipment (BUC/LNB) via separate Tx/Rx IF interfaces, and to the hiSky data server via Ethernet interface.

The hiSky HUB modem can be deployed in two variations, a rack mount standalone hiSky HUB, or direct implementation of the network and modem technology into iDirect ULC linecard.

Agile IoT Network

hiSky's open architecture enables easy integration with any device or application provider that suits your business needs, and integrates with any existing network to complement your coverage in all rural areas worldwide.



Specifications

Hub parameters:

Parameter	Value
Frequency	950- 2500MHZ (L-Band)
Impedance	50 Ohm
Return loss	>15dB
Tx Output power	(-5) dBm – (-80) dBm
Rx Input Power	(-50) dBm – (-80) dBm
Signal related spurs	< (-50) dBc out of band
Communication Interfaces	Ethernet, USB
Max power consumption	<65W
Input power	110-220V,50/60Hz
Physical size	450.85mm /421.35mm/1U
Weight	~3KG

Hub interfaces:

Parameter	Value
Tx IF Port 1-4	SMA
Rx IF Port 1-4	SMA
Configuration Port	USB Type-B
Ethernet	2 × RJ-45
AC Input Power	AC Inlet