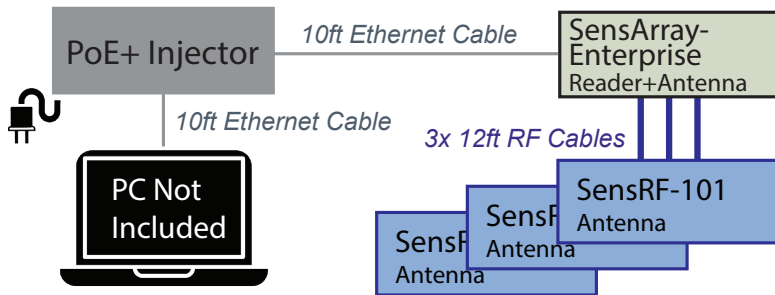# QuadKits
Four read-Point Kits for SensThys Readers

SensThys offers three sets of equipment to help customers get a taste of our technology, experience our differentiation and to accelerate your early developments. All these kits come with all needed cables, antenna, Power-over-Ethernet power source, tags and of course the readers! All these are neatly packaged into a reusable, foam slotted, corrugated plastic case to ease your transportation and storage.

As the names suggests, each kit provide four read-points (antenna) in the kit. The three kits are:

- **QuadKit-Enterprise**: SensArray-Enterprise with 3 additional antenna (4-total)
- **Quadkit-Extreme**: SensX-Extreme ultra-robust IP67 reader with 4-antenna
- **QuadKit-Mix**: One of each of these readers with 2-read-points each (2 external antenna with Extreme and 1 external + one internal on Enterprise) + an additional Ethernet cable to connect the two readers
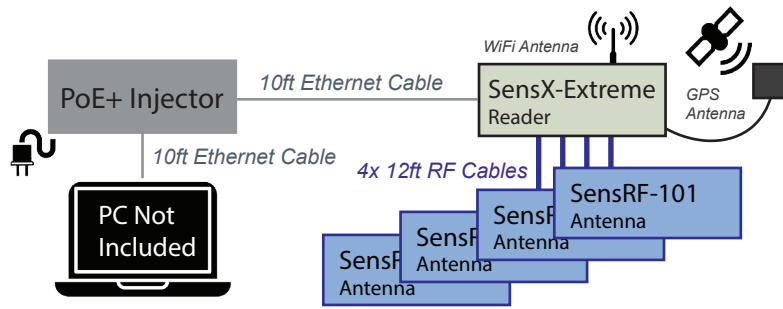
QuadKit-*Enterprise*

This kit includes the SensArray-*Enterprise* which is a novel RAIN RFID **reader** that also contains an 8.5dBic **antenna**, network **switch** and **power distribution** system. Combined these massively reduce infrastructure and installation costs. All of these elements are consolidated into a svelte, attractive 10" x 10" form-factor. The SensArray *Enterprise* operates at a full industry maximum of +33dBm via the **90W Class 8 PoE** input, so no separate DC power input is required.

Unlike other readers, the SensArray-*Enterprise* passes power **out** to any additional PoE devices in the network **including other SensArray readers,** massively reducing cabling and increasing install flexibility.

The kit contains everything you need to evaluate a complete 4-read-point solution (one antenna is internal). Just download the software from our website, plug-in and go!

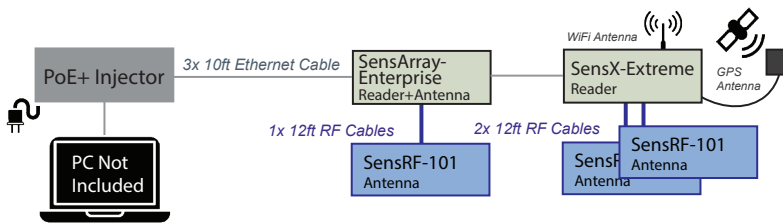| Contents	Number
SensArray-Enterprise	1
SensRF–101 Antenna	3
Antenna cabling (RSMA to SMA, 10ft)	3
Ethernet Cat6 cabling (10ft)	2
POE+ Injector	1
Re-usable corrugated plastic case	1

Quad**Kit**-*Extreme*

This kit includes the new SensX EXTREME rugged reader which is enclosed in the industry's highest rated IP67 industrial and weather-tight chassis. Operators can now install RFID reader networks in places where traditional readers have previously not been suited, inside or out. No NEMA box required!

In addition to RFID, SensX includes many of the sensors and communication capabilities you probably have in your cell phone today: Bluetooth; WiFi; gyroscope; 3-axis accelerometer; barometer; and GPS. Finally a complete Linux subsystem supports local tag processing and business intelligence.

The kit contains everything you need to evaluate a complete 4-readpoint solution. Just download the software from our website, plug-in and go!

Contents	Number
SensArray-Extreme	1
SensRF–101 Antenna	4
Antenna cabling (RTNC to SMA, 10ft)	4
Ethernet Cat6 cabling (10ft)	2
POE+ Injector	1
GPS Antenna	1
WiFi Antenna	1
GPIO connector/cable	1
Re-usable corrugated plastic case	1

Quad**Kit**-*Mix*

This kit includes both a SensX EXTREME rugged reader and a SensArray-Enterprise reader. See descriptions above for these.

The kit contains everything you need to evaluate a complete 4-readpoint solution across both of these readers, 2 antenna on each (one internal to the SensArray-Enterprise) and the appropriate RF cables with RTNC connectors for the SensX-Extreme and RSMA for the SensArray-Enterprise. Just download the software from our website, plug-in and go!

Contents	Number
SensArray-Extreme	1
SensArray-Enterprise	1
SensRF–101 Antenna (one internal to the SensArray)	3
Antenna cabling (RTNC to SMA, 10ft)	2
Antenna cabling (RSMA to SMA, 10ft)	1
Ethernet Cat6 cabling (10ft)	3
POE+ Injector	1
GPS Antenna	1
WiFi Antenna	1
GPIO connector/cable	1
Re-usable corrugated plastic case	1

Variant	Region	Model #	Variant	Region	Model #
QuadKit-Enterprise	FCC/North America (Flush mount)	QKEn-FF	QuadKit-Mix	FCC/North America (Flush mount)	QKMx-FF
	ETSI/Europe (Flush mount)	QKEn-EF		ETSI/Europe (Flush mount)	QKMx-EF
QuadKit-Extreme	FCC/North America	QKEx-F			
	ETSI/Europe	QKEx-E			

SensThys, Inc · 21060 Homestead Road · Suite 226 · Cupertino · CA 95014 · www.sensthys.com