

INCYT Base Station

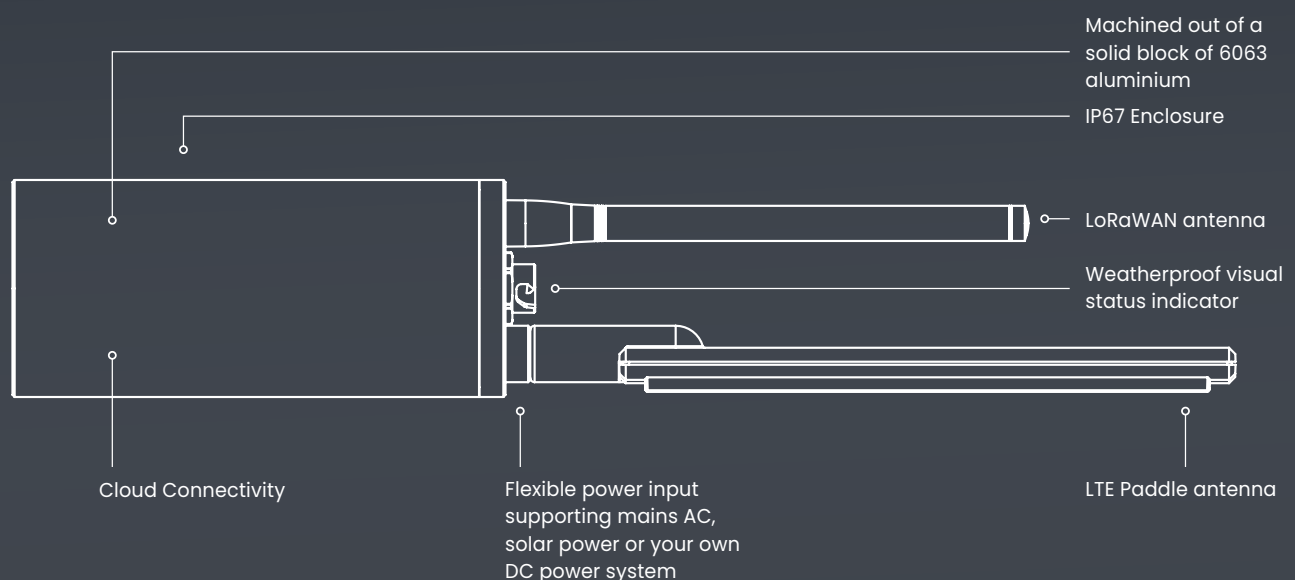


Ensure reliable connectivity on your farm with INCYT's XR Network.

INCYT's XR network Base Station is used in many different industries, and is specifically optimised for agricultural applications. With the base station you create INCYT's XR Network as your own on-farm network to help collect data from INCYT's range of sensing equipment. Through the XR network, data from INCYT's sensors is sent through to the INCYT dashboard, enabling you to deploy sensors even in remote areas where 4G and 5G mobile networks don't reach.

-  **Built to Last**
-  **Plug 'n Play**
-  **Solar Powered**
-  **Mains Powered**

- + Solar powered, mains powered, and Xtreme range options
- + Long range (depending on conditions and antenna used)
- + Connects to hundreds of devices
- + Provides low latency, high reporting rates
- + Minimal power consumption





Create your own on-farm network

INCYT's XR network base station can be solar powered or mains powered, and have either standard or extreme range options – depending on your needs.

As part of your introduction process with INCYT, the team will conduct a free virtual mapping session with you, prior to purchase and installation. During this virtual mapping session we will establish which base station is best suited to your operation, and where it needs to be placed on your farm in order to create optimum coverage.

Once you've received your INCYT base station you can opt to either have someone install it for you or install it yourself. It's as simple as mounting it in the desired location, whether that is on a pole, shed, silo, or somewhere else, and connecting it to the power source.

The INCYT base station is milled out of solid aluminium, making it very robust and guaranteeing that it withstands the challenges of Australia's harsh environment. Where most on-farm telemetry equipment deteriorates over-time due to water ingress, INCYT's base stations are hermetically closed and equipped with a GORE-TEX valve, ensuring that there is never any pressure differential within the base station when the ambient temperature drops rapidly, which is the #1 cause of water ingress (pulling in moisture when the pressure drops rapidly) in telemetry equipment of other brands.

Specifications

Network Range	Contact INCYT for a free range check
Enclosure	IP67, milled out of a solid block of aluminium
Advanced Functionality	Edge processing capable
Temp Range	-10°C to +60°C recommended (max. range -20°C to +80°C)
Software	OTA software updates
Cloud Connectivity	LTE-M
Power Source	USB-C mains adaptor or solar kit
Dimensions	50mm diameter, 115mm length alone, 123mm excl. antenna, 290mm long incl. paddle antenna
Antennae	LTE Paddle antenna, LoRaWAN antenna
Weight	250g

