LinkVUE
Long-range Wireless Data Collection

pacific data systems Australia
Solutions. Technology. Simple.

The **LinkVUE Long-Range Wireless Data Collection** module is the latest wireless RF automation device from Pacific Data Systems, and is designed to simplify point-to-point / mesh networking applications.

Single Model, Multi-Configurable

With the abillity to accept a wide-range of communication protocols, almost any sensor available can be integrated with the LinkVUE Long-Range Wireless Data Collection module to reliably transmit your vital data.

Because any LinkVUE module can be configured as either a hub, relay or end-point device, a LinkVUE networking system is fully configurable depending on your requirements.

A system could be as simple as utilising 1 x LinkVUE hub only, for single site monitoring applications, or it could comprise of 1 x LinkVUE hub along with a combination of up to 25 End-points or Repeaters for multi-site, multi-parameter monitoring - can be extended to a maximum of 150 modules!

- Long Range Connectivity - up to 26km LOS
- Analog / Digital, SDI-12 & MODBUS Inputs
- Easy Installation, Simple Configuration
- Low Cost Solution
- Long Battery Life

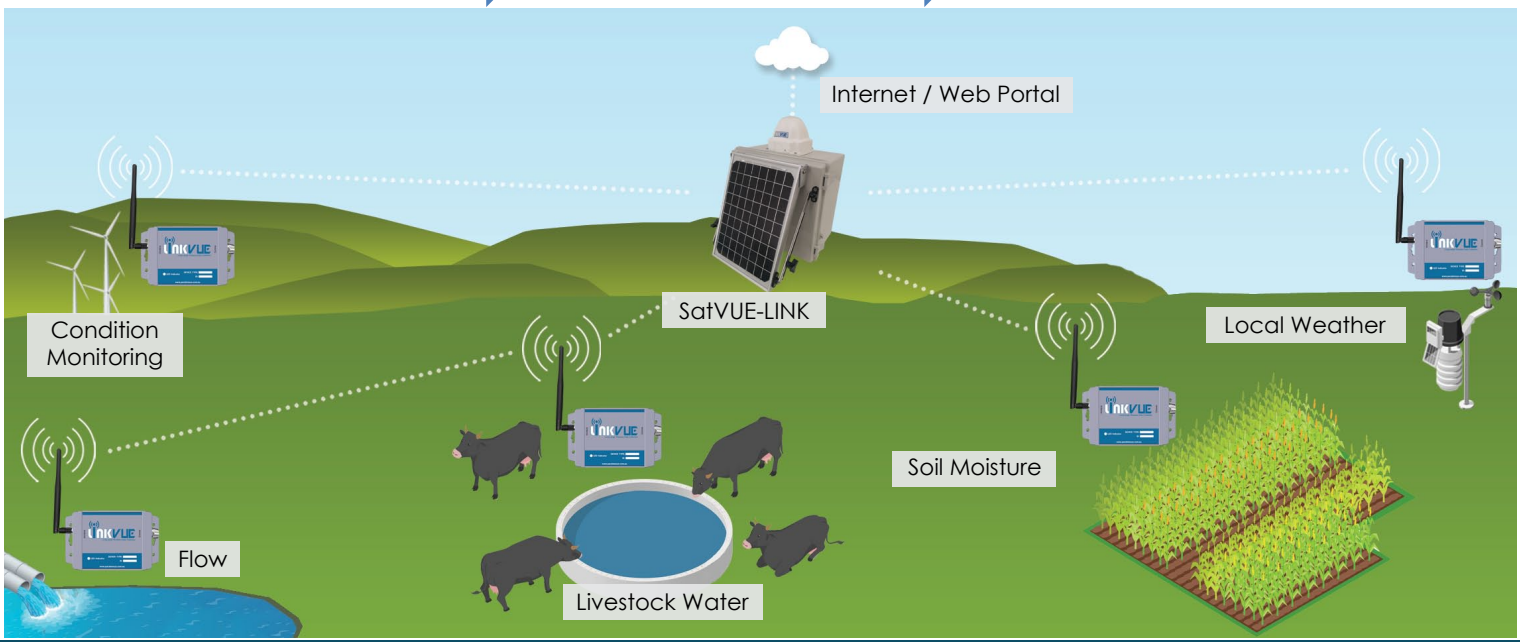
Technical Specifications

- 2 x pulse inputs 5Hz max frequency - 100mS minimum on / 100mS off time
- 2 x 4-20mA or 2 x 0-10V transducer inputs (user selectable on board) -12 bit resolution
- SDI-12 port (up to 5 sensors)
- +12V or +15V 400mA DC output (user selectable) to power external transducers (from internal batt. or external power source)
- RF Comms Mesh or Point-to-Point 900Mhz RF radio (Range upto 5km and 10km respectively)
- RS232 / RS485 (2-wire) comms interface for MODBUS® RTU comms (Hub only)
- 10 years operational on internal battery (End Points only), Hub and Repeaters operate from an external 6-12V DC power source
- Open drain switch 100mA DC
- Expansion Port for plug-in additional functionality
- Console software application tool to configure devices in the field

Example Application

The following illustration shows data being transmitted from multiple LinkVUE End-points through the LinkVUE hub/SatVUE to the web portal for end user access. In this example, each of the 5 x LinkVUEs are monitoring different parameters at various locations.

Multiple radio end-points → to one satellite terminal → access via a **single** remote web portal



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