



Farm Link Wireless® - whole of Farm WiFi and Internet Connectivity

**WATCH
VIDEO**



Farm Link Wireless® by Farm Tech Solutions ... cost effective Wifi and Internet connectivity for rural and farming properties.

Do you need Wifi and internet access at your sheds, workshops or workers quarters ... or even at your other properties many kilometres away from your main farm? Reliable wifi allows you to provide internet access to staff and contractors, install security cameras and monitoring systems, and make phone calls in areas with poor or no phone reception through WiFi Calling.

Traditionally the cost of installing the hardware required is very complicated and expensive, and requires onsite installation by qualified IT technicians - a service very hard to get in most rural areas. **Farm Link Wireless®** by Farm Tech Solutions is a wireless Enterprise Class quality solution - scalable to whatever size you require - at a very reasonable cost. Designed to be plug and play, **Farm Link Wireless®** can be easily installed by unqualified and non-IT people. It is completely plug-and-play ... no IT or networking knowledge is required. You, the customer, can easily install it.

We design your **Farm Link Wireless®** system according to your location and requirements. All hardware is pre-programmed before being sent to you. Clear instructions are provided for how you install what and where. Once you have installed your **Farm Link Wireless®**, our tech staff then remotely access your system and complete any programming adjustments for your specific location and requirements. Our **Farm Link Cloud®** then constantly monitors your system so that we can immediately and remotely fix any problems that may occur. We can also provide remote access support - change wifi passwords for you, check performance statistics, block users, etc.

Farm Link Wireless® ... whole of farm wifi, no tech required.



**FARM WIFI
SYSTEMS**



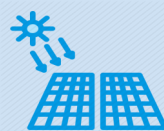
**INTERNET
CONNECTIVITY**



**LONG RANGE POINT
TO POINT DATA LINKS**



**IOT MESH
NETWORKS**



**SOLAR
POWERED**



**IMPROVE MOBILE
PHONE RECEPTION**

Farm WiFi and Internet Connectivity



Reliable internet connection - a major problem in many rural areas ...

Having access to whole-of-farm reliable, high speed internet is a problem on a lot of Australian farms and rural properties. As new technologies and faster internet networks are released, rural and remote areas traditionally tend to miss out as the telecommunication providers consider it not cost effective to provide these new services to lower population areas. Whilst your farm may have a relatively good internet connection at the homestead - for example Starlink satellite - large areas of the property, including sheds, workshops, shearing sheds, and remote farms may have very weak or absolutely no internet connectivity at all.

With Australian agriculture moving rapidly towards “smart farming” methods, high speed and reliable internet coverage across your whole property is becoming vital. Some may just need to be able to have wifi coverage in workers quarters, workshops or shearing sheds. Others may need to provide reliable internet connections to other farms as well - in some cases many kilometres away. Yet others may need to have entire farm mesh intranet coverage - where extensive IoT paddock, stock, or weather monitoring sensors and systems are being introduced.

Custom Farm WiFi and Internet solutions ...

With key staff having a rural farming background, **Farm Tech Solutions** understands the requirements of farm internet connectivity. You may wonder how large area or inter-farm wifi can be provided when your home wifi won't even reach out past your back verandah? Our systems are not what you would buy at your local computer shop - we design and deploy networks using carrier grade, purpose specific equipment. Having over 20 years experience in wireless communication, we also have a network of very competent technicians outside of our own group that we call on for advice and support as required. You will have direct access to our team of network specialists who can advise you on any of your communication problems - wifi access, mobile phone connectivity, IoT system design, etc.



**FARM WIFI
SYSTEMS**



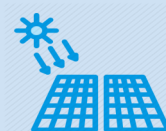
**INTERNET
CONNECTIVITY**



**LONG RANGE POINT
TO POINT DATA LINKS**



**IOT MESH
NETWORKS**



**SOLAR
POWERED**



**IMPROVE MOBILE
PHONE RECEPTION**

Farm Link Wireless® uses a range of pre-programmed, simple to install, plug and play wireless networking devices to give you whole of farm Wifi and connectivity.

Point-to-Point and Multi P2P Wireless Links ...

like “stretching cables across the sky,” P2P links can connect your farm buildings that are a distance away from your house to your home internet connection. Connect to other farms several kilometres away. As well as giving these remote spots wifi connection to the Internet, it also allows you to install security cameras, IoT monitoring systems, mobile phone connectivity, etc.



Wireless Mesh Nodes ... extend wifi coverage around buildings without having to connect devices together by cable.



3/4/5G Routers ... for when you can't P2P link from your main home internet connection. Standalone outdoor wireless LTE Cellular Router connects directly to the nearest carrier's cell tower. Improve reception in poor signal areas with a range of purpose specific high gain and directional antenna systems. Connect a high speed, wide area coverage wifi connection from this device.



Indoor and Outdoor Wireless Access Points - WAP's ...

in and around sheds and buildings for large area wifi coverage.



Solar Power ... for powering your devices in off-grid locations. Also ideal when you need to use several P2P bridge links across longer distances i.e. over hills etc.

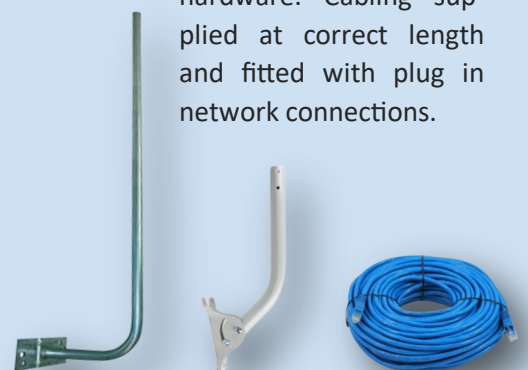
Portable Wifi ... that can be quickly deployed. Ideal for paddock and temporary use. Solar power options.

Solar Wifi Bridge Link Extender –

for applications where you may just need to extend your wifi coverage for a single or limited number of cameras, but don't want to go to the complexity of a dedicated P2P link just for a small number of devices. Totally standalone, plug and play installation. *Available in both Wifi and 4G Router versions.



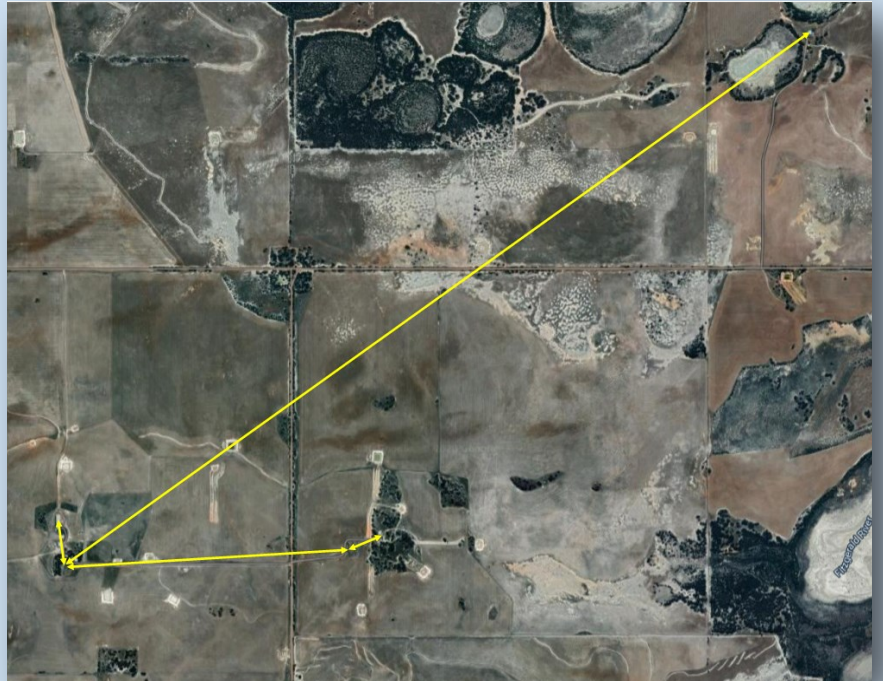
Range of easy to install ... DIY mounting poles, brackets and hardware. Cabling supplied at correct length and fitted with plug in network connections.



See prices on Page 6 ...

Long Range Point to Point Data links -

Like “stretching a cable across the sky,” long range P2P (Point to Point) high speed microwave wireless data links can connect properties and areas many, many kilometres apart. High bandwidth, seamless performance. The attached map shows a site plan of three separate farms and sheds all connected in one integrated network. Carrier grade equipment gives years of maintenance free performance. Provide internet and WiFi, mobile phone reception, monitor security cameras, monitor IoT smart agriculture sensor systems, etc.



Provide Internet and WiFi -

to sheds, workers quarters, remote farmhouses - wherever an internet connection is required. Outdoor WiFi Access points give internet access across large areas - in and around sheds and buildings. Improve mobile phone reception in these areas with WiFi-Calling using the wifi network.

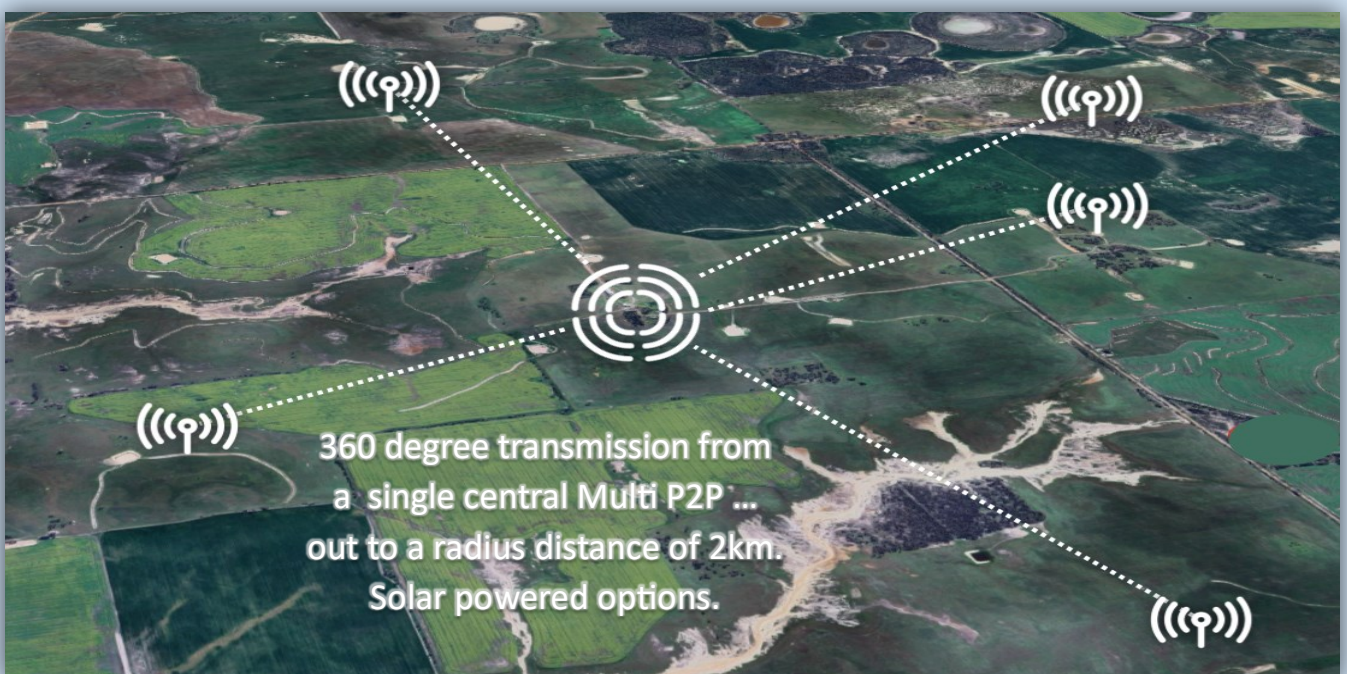
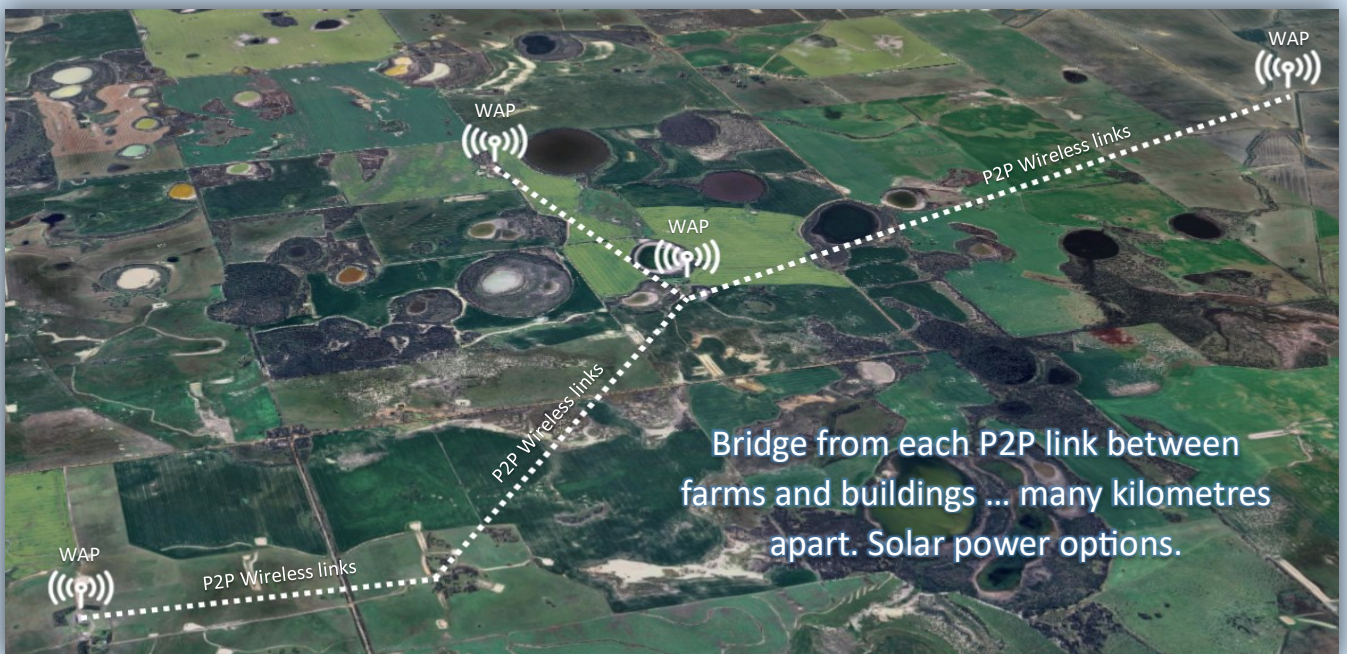
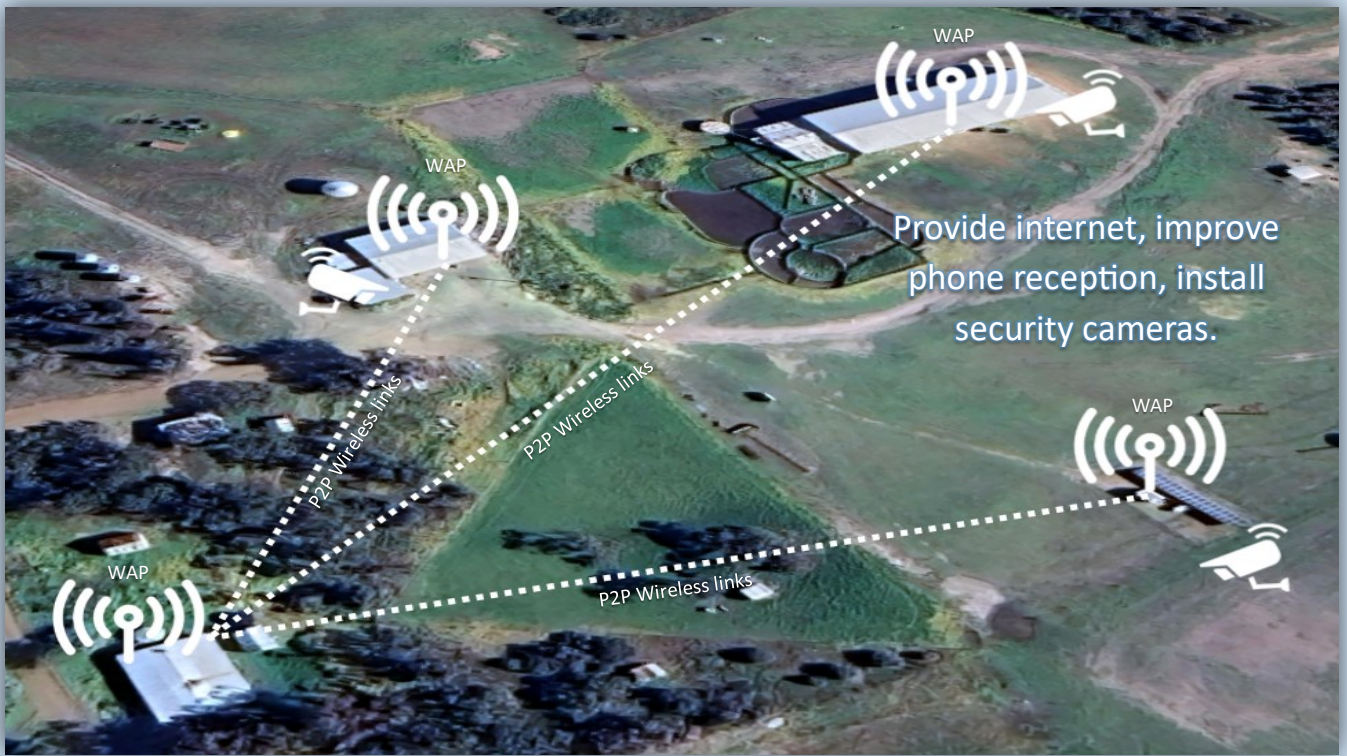
Whole of Farm Connectivity -

Internet and IoT connectivity across entire farms. As smart agriculture systems become more popular, connectivity to working machinery, in-paddock monitoring sensors, pumps and irrigation systems, security systems - even tracking of stock movement - real time monitoring 24/7 is becoming more necessary. Solar powered systems for off-grid requirements.



Telephone ... 0417 184 183
jon@farmtechsolutions.com.au
www.farmtechsolutions.com.au





COMING
SOON

TX-Horizen®

One Transmitter.
Whole-of-Farm WiFi.
Simple.

farmtech
SOLUTIONS

Minimal hardware - Maximum coverage ...

Do you need wifi and internet access across your whole farm or property? Can't make phone calls away from the house because of poor mobile phone reception? Don't want to install a full **Farm Link Wireless®** system with Point to Point Links and Wireless Access Points because you only want to install a couple of security cameras at the front gate and out the back paddock?

The **TX-Horizen®** is an ideal alternative. Based on the recently released sub-Gigahertz frequency Halo® Wifi technology, a single transmitter with high gain antenna mounts outside your house, and wirelessly connects to your internet or Starlink service. No cables to run to your router. It then broadcasts continuous 360 degree wifi up to 2 km away. Designed for super-long transmission distances and the ability to transmit through trees, buildings and hills, it outperforms standard wifi transmission 100X.

Built for Australian farms and rural properties, the **TX-Horizen®** gives you a single-point, simple solution to transmit wifi across your entire property without the need for a more complex network of Point to Point Wireless Links and Wireless Access Points.



A single TX-Horizen® Transmitter wirelessly connects to your house internet or Starlink.



Spread 360 degree Wifi across your whole farm or property - up to 2km away.



Second RX-HORIZEN® wirelessly connects to cameras, Wifi & IoT devices.

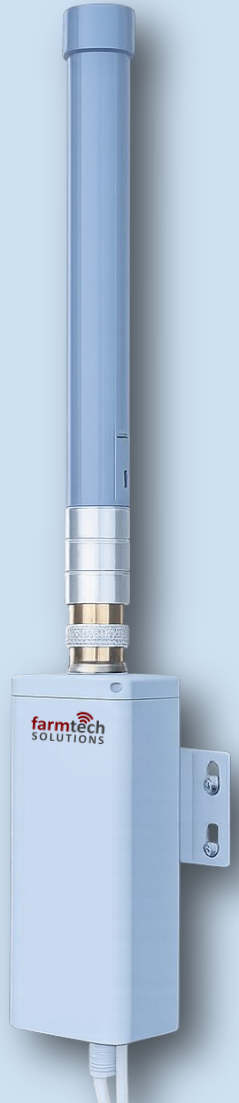
Easy setup - Reliable connectivity - Simple.

- **Single Transmitter coverage** - one main unit connected to your internet or Starlink covers your whole farm - up to 2km radius.
- **Long-range signal** - reaches much further than standard Wifi.
- **Whole of Farm coverage** - designed to provide broad coverage across paddocks, between homesteads and properties.
- **Simple installation** - minimal hardware, wirelessly connects to your existing wifi.
- **Supports all WiFi devices** - mobile phone calls, internet, security cameras, IoT devices.
- **Simple Plug-and-Play DIY installation** - no IT tech or electrician required. Fully programmed and extensively tested before dispatch. Mount it - switch it on. Connect your wifi device to it. That's it.
- **Less maintenance** - minimal number of devices required.
- **Significantly less cost** - than conventional wireless networking systems due to much less hardware required.
- **Scalable** - add more Farm Scan® Transmitters and Receivers and expand your coverage as you need more coverage.
- **Supports Smart Farming** - connect automation devices, irrigation monitoring, livestock tracking, telemetry, security - complete seamless connectivity.
- **Farm friendly design** - designed for Australian farms and rural properties.
- **Ensure continuous connectivity** - no phone call failures, no

0417 184 183

www.farmtechsolutions.com.au

jon@farmtechsolutions.com.au



farmtech
SOLUTIONS



Farm Link Wireless® product prices ...

- P2P - Point to Point Wireless link - *Transmitter and Receiver* ... **\$ 485.00 +GST Pair**
- Multi P2P Main Transmitter - 360 degree 2km radius ... **\$ 595.00 +GST**
- Solar Wifi Bridge Link Extender ... **\$ 345.00 +GST**
- Outdoor Long Range WAP - Wireless Access Point ... **\$ 435.00 +GST**
- Indoor Long Range WAP - Wireless Access Point ... **\$ 435.00 +GST**
- Outdoor Mesh Node unit ... **\$ 395.00 +GST**
- 4G Outdoor Router ... **\$ 480.00 +GST**
- 12VDC to 48VDC PoE Converter unit - *for solar arrays* ... **\$ 235.00 +GST**
- 12VDC to 24VDC PoE Converter unit - *for solar arrays* ... **\$ 235.00 +GST**
- Hockey Stick roof bracket for P2P ... **\$ 65.50 +GST**
- L Mount Swing bracket for Outdoor WAP ... **\$ 65.50 +GST**
- Cabling - *cut to length and terminated with weatherproof plug in RJ45 fittings ...*

5 metres	...	\$ 12.00 +GST	30 metres	...	\$ 55.00 +GST
10 metres	...	\$ 25.00 +GST	40 metres	...	\$ 75.00 +GST
20 metres	...	\$ 45.00 +GST	50 metres	...	\$ 95.00 +GST
- TX-HORIZEN Whole-of-Farm WiFi Transmitter unit ... **\$ 690.00 +GST**
- RX-HORIZEN Secondary Receiver Link unit ... **\$ 590.00 +GST**
- 12VDC Power Supply for TX/RX-HORIZEN Series solar arrays ... **\$ 35.00 +GST**

Information that we require before we can quote ...

To provide you with an equipment recommendation and quote on a **Farm Link Wireless® system** for your farm or property, we first need some information from you ...

- What and where is your existing internet connection, and who is the provider? For example, do you have Star Link or NBN at the your main homestead etc.
- We need a Google Maps or Earth screenshot picture of your property, with all of the locations clearly marked. For example, the house where your internet is connected, the sheds where you want to transmit high speed wifi to, the workers house that needs wifi, etc. The more accurate the map that you provide us with showing exactly where you require high speed internet and wifi connectivity, the better the system that we can design for you.
- We need an actual location of that same Google Maps or Earth screenshot so that we can zoom in ourselves on Google Maps and accurately measure distances, elevations, see topography etc when designing your **Farm Link Wireless®** system. If you are not familiar with Google Maps, just copy and send us the link in the browser address at the top of the Google Map that you got your screen shot from.
- You need to provide us with your name, the site address of your property, and importantly your contact phone number and email address.
- Please email all your information as detailed above to jon@farmtechsolutions.com.au



Download a Free copy of “Farm Connectivity 101: A Simple Guide on setting up a Farm Wifi system”

Learn about the basics of what you need and how to install a wide area wifi network on your farm or rural property. An easy to understand, non technical guide for Australian farmers and rural property owners.

Includes ...

- Introduction to farm wifi systems.
- Key components and hardware required.
- Assessing your farm connectivity needs.
- Installing a farm wifi system.
- Securing your farm wifi network.
- Maintaining your wifi network.

Click [HERE](#) to download ...

Farm Security Cameras

Watch your farm and property from anywhere, anytime with our Farm Cam range of farm security cameras.

- Easy wireless installation - connects directly to the Telstra network.
- Comes with everything required for easy DIY plug and play installation.
- Current technology High Definition, high resolution commercial grade.
- Motion detect recording, remote app viewing, 24/7 backup record, night vision, audio, trigger alarm notifications, solar powered options.
- Wifi version can connect direct to our Farm Link® Wifi network.



Click [HERE](#) to download a brochure ...

Telephone ... 0417 184 183
jon@farmtechsolutions.com.au
www.farmtechsolutions.com.au

