



# BLACKLENS - ENVIRO CAM NETWORK

REALTIME CAPTURE. CLOUD ANALYSIS. SMARTER DECISIONS.

## 10-100 CAMERAS PER BASE STATION

Deployed across monitoring area

HaLow Long Range Wireless Connection Up to 1.5km+ LOS

## DAVIS VANTAGE PRO2 WEATHER STATION (TOP)

- Temperature
- Humidity
- Rainfall
- Wind Speed & Direction
- Barometric Pressure
- Solar Radiation (optional)

## WIFI (HALOW) ANTENNA

Long Range Wireless Base Station

## STARLINK MINI

High Speed Internet Backhaul

## MILESIGHT HL31-L08EU HALOW + LTE GATEWAY

Connects all cameras via HaLow (Sub-GHz)

## Google Cloud

- Cloud Storage (2TB+)
- AI Image Analysis
- Data Processing
- Weather Data Storage

## WEB DASHBOARD

ACCESS FROM ANYWHERE



- Live / Recent Images  
View and filter all camera images
- AI Results  
Species identification & confidence
- Weather Data  
Live weather and trends
- Camera Status  
Online / Offline / Battery
- Reports & Exports  
Generate, Download, Share
- Map View  
Camera locations & activity

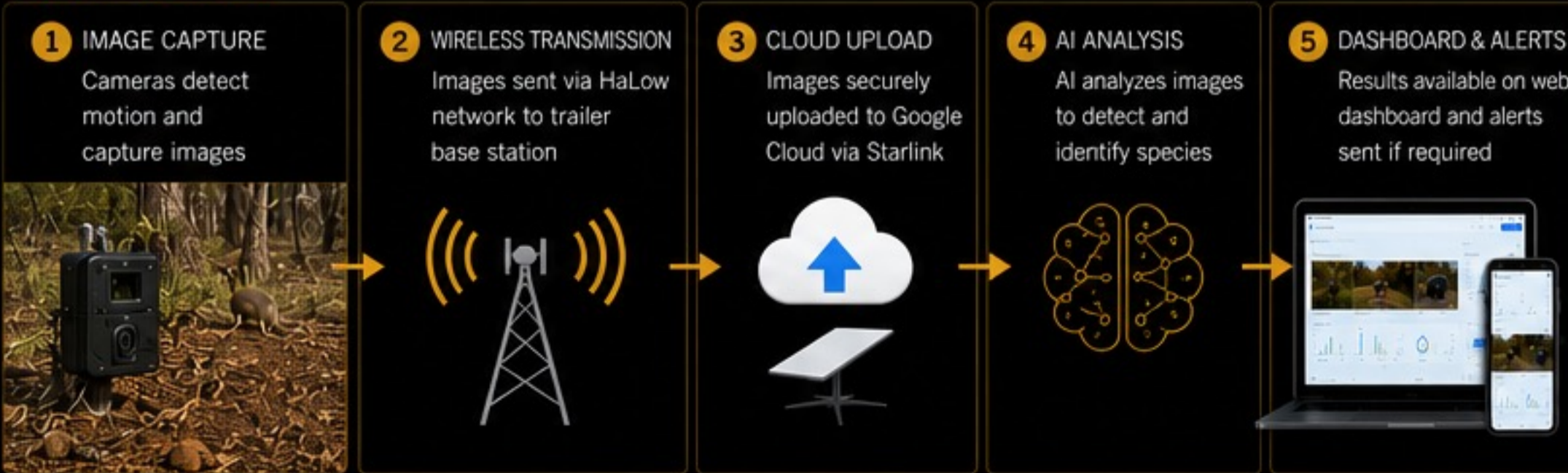
## CAMERA FEATURES

- 5MP Images
- Motion Triggered
- Night Vision
- Low Power
- Time & Date Stamp

## 480Ah SOLAR POWER & BATTERY SYSTEM

- Off-grid Operation
- Solar Panels
- 480Ah Lithium Battery
- 12V / 24V Power Distribution

## HOW IT WORKS



## NSW LISTED THREATENED SPECIES EXAMPLES

 1. Numbat ENDANGERED	 2. Gouldian Finch VULNERABLE	 3. Mountain Pygmy-possum VULNERABLE	 4. Regent Honeyeater CRITICALLY ENDANGERED	 5. Orange-bellied Parrot ENDANGERED
 6. Eastern Quoll ENDANGERED	 7. Woylie VULNERABLE	 8. Eastern Curlew CRITICALLY ENDANGERED	 9. Black-flanked Rock-wallaby ENDANGERED	 10. Malee Fowl VULNERABLE

## KEY BENEFITS

- Non-invasive Monitoring
- Replace Traditional Pit Traps
- Real-time Data & Alerts
- Weather-linked Insights
- Scalable & Future Ready
- Relocatable & Rapid Deploy
- AI-powered Identification
- Better Decisions Stronger Outcomes