

WiSen: Vision Unit



WIRELESS MONITORING SYSTEM



This internally battery powered Vision Unit allows automated images to be taken from remote site locations night or day and visual warnings to be issued on site via LED's. The Wisen Camera has a 1080p, full colour, 120° field of view lens and night vision capability. The Wisen LED alert system has three colours of warning for display.

Internal memory stores upto 26,000 images which can be transmitted to the WiSen cloud via GSM/LAN/WLAN.

The Vision Unit includes an integrated LED visual warning system built in to the main control unit. Alerts can be triggered by mesh nodes and relayed for visual warning from the WiSen cloud datacentre for onsite warnings.

The battery lifespan is up to 2 months on internal power or for long term self-powered with the addition of the Wisen Solar power system.

Features

- WiSen Camera Unit
- Colour & Night Vision
- 5~60 minute frequency
- Rugged IP66 housing
- 1080p HD Camera
- 120° FoV
- End user configurable
- Visual LED Alert System



Interface accessible via the internet



Call **03 9823 1533** for more information
survey.crkennedy.com.au



WiSen: Vision Unit

Specification	
Basics	
Primary Battery Power	Qty. x 4 (3.6V Lithium primary D-Cell ER34615)
Secondary DC Power	7V -32VDC (Min. Current >= 2Amp)
Local Storage	>=180 days@T=10min,i.e., 26000Images
L x W x H	180 x 140 x 60mm
Weight	<= 2.0kg
No. of LEDs	LED x 3 of Green/Blue/Red Colours
LED Update Interval	1-60min
ImageTaken Interval	5-60min
Cable Gland	Qty. 1 x EMC-CMA12 for Camera connection Qty. 1 x EMC-CMA14 for external DC input power connection
Camera Image	
Image sensor	CMOS 2MP Colour (1920 x 1080) Monochrome Night Vision (up to 8m)
Angle of view	120°
External Interface	
Wireless Module	Compatible with 2G/2.5G/3G/4G of Micro SIM card
Wired Port	RS232
WSN Interface	
Mesh Wireless Interface	WISENMESHNET® Protocol
Standard System Parameter	
Voltage	Accuracy: +/-0.1V
Industrial Standard	
Casing and Painting Materials	Aluminium-Alloy Die Castings 12 (Epoxy Polyester Powder Coating)
IP Rating	>= IP66
Operating Temperature	-20 to 60°C
Fire Proof	Approved
Certificates	-
Re-Calibration Method	
Inspection Period	Every 3 Years by Manufacturer (or inspected by arranged methods)



Call **03 9823 1533** for more information
survey.crkennedy.com.au

