

Solar-Cam NW™

Solar Powered 4G/WiFi 4MP 'Smart' Camera

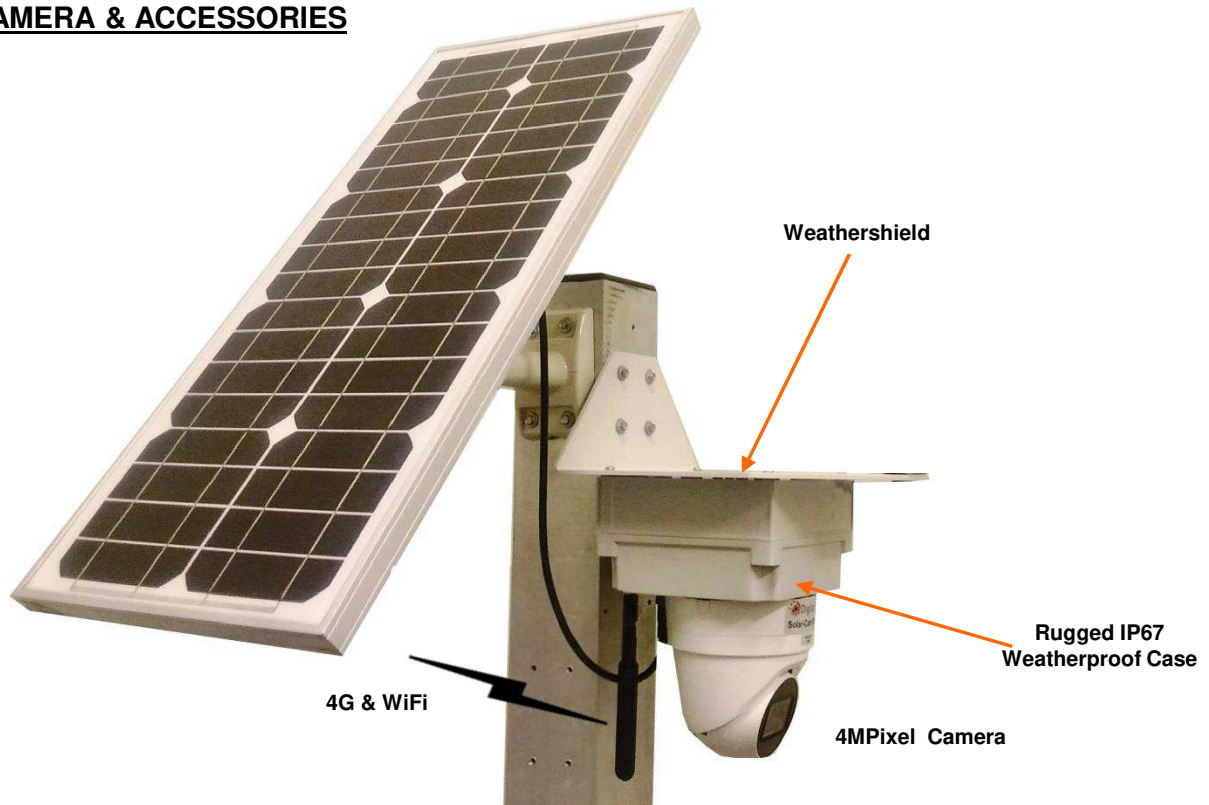
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The Solar-Cam NW is a rugged 4G/WiFi solar powered 4 MPixel Smart Surveillance Camera for harsh environments in remote or unattended locations. The compact autonomous camera is solar powered making it completely independent of external power. The *solar-smart* charging system ensures that the battery has always enough charge and will control the camera, modem and solar charging to ensure the battery never goes flat. The 'smart' camera can **identify humans** and vehicles entering the viewing area during the day or night time and immediately send an alert image to the Dashboard as well as flashing a bright white strobe and issuing a verbal warning. The images are sent via a 3G/4G modem to a PC, mobile phone, or web based monitoring 'Dashboard'. The camera has a rugged **IP67** housing and can also operate in 'time-lapse' mode for applications such as Construction, Farm and Water monitoring etc.

FEATURES

- Fully integrated autonomous solar powered 3G/4G camera system with WiFi connectivity
- Automatic intrusion detection of Humans or Vehicles with strobe and voice alarms
- Complete 'wire free' solution for remote monitoring & surveillance.
- High Sensitivity colour 4MPixel camera with wide dynamic range
- Images are sent immediately to mobile phone, PC, Monitoring Station, & web based Dashboard
- Full control and configuration of the camera via web interface
- 'Live View' video can be viewed on mobile phone, tablet, and PC
- Rugged weatherproof IP67 housing with Solar Panel - all with adjustable mounts.
- Ideal for Farm, Water, Construction & Livestock monitoring,

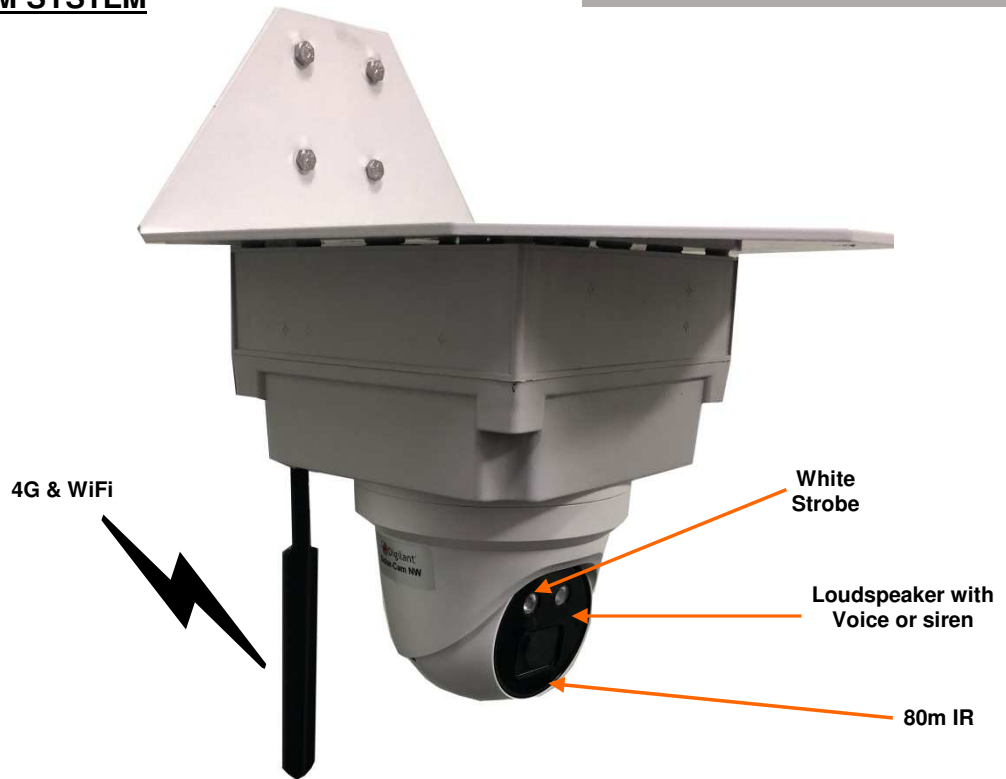
CAMERA & ACCESSORIES



CAMERAS

MBS-(SCN4MTS)

SOLAR-CAM SYSTEM



Construction



Waste Management



Orchard monitoring



Port Monitoring

CAMERAS

MBS-(SCN4MTS)

SPECIFICATIONS

Camera

Maximum Resolution	2688 x 1520 (4 MPixel)
Lens	2.8mm (Horiz FOV = 104°, Vert FOV = 58°, Diag FOV = 124°)
Minimum Illumination	0.012 Lux/F1.6 (Colour), 0 Lux (IR on)
Video Compression	H.265/H.264
Max Frame Rate	2688 x 1520 (25fps)
Video Detection	Human, Vehicle Intrusion detection, Line crossing, Motion
Deterrant on alarm	White strobe light & voice warning
Protocols	TCP/IP,UDP,ICMP, HTTP, HTTPS, FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP, SNMP, IGMP, Multicast UPnP,SMTP,802.1X,QoS,IPv6, Bonjour
Storage	Internal SD card - 128GB

WiFi

Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency	2.4GHz
Bandwidth	20/40MHz
Protocols	802.11b: CCK,QPSK,BPSK, 802.11g/n: OFDM
Security	64/128 bit WEP, WPA/WPA2, WPA-PSK, WPS
Transfer rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150 Mbps
Wireless Range	100m (328 ft)

General

Operating Temperature	-30°C to 60°C (-22°F to 140°F), Humidity 95% or less
IR Range	80m (262 ft)
Solar Panel	100W @ 18.3VDC
Ingress Protection	IP 66
Dimensions	30 x 19 x 16 cm (11.8 x 7.5 x 6.3 inches)
Weight	2.5 Kg (5.5 lbs)

Modem

Frequency Bands:	LTE FDD: Band1 (2100 MHz)/ Band3(1800 MHz)/ Band7(2600 MHz)/ Band8 (900 MHz)/ Band20 (800 MHz) DC-HSPA+/HSPA+/HSPA/UMTS: Band1 (2100 MHz)/ Band8 (900 MHz) EDGE/GPRS/GSM: 850 MHz/ 900 MHz/ 1800 MHz/ 1900 MHz
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Declaration of Conformity

The RF transceiver module in this product conforms with **ETSI EN 300 440-1** and **FCC section 15.249**

CAMERAS

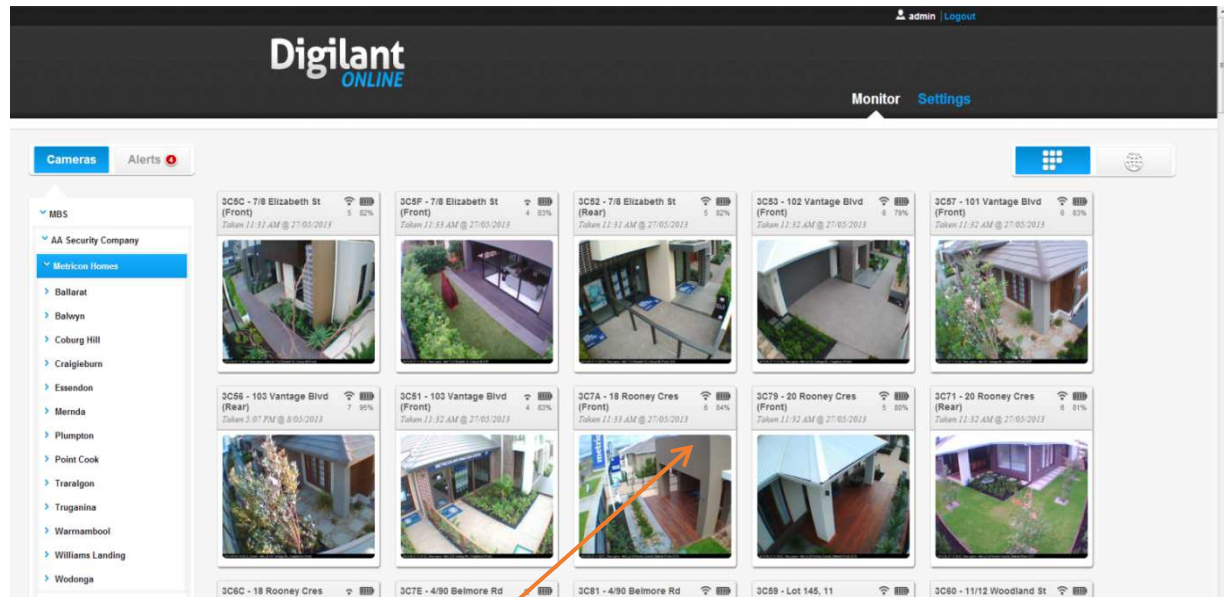
MBS-(SCN4MTS)

WIRELESS TO WEB™ DASHBOARD

The 'Wireless To Web' (WTW) proprietary network is a fast, secure and reliable means of sending images from wireless cameras to the end user's PC, mobile phone, monitoring station, or Dashboard.

The WTW Dashboard enables images to be displayed from multiple cameras on a reference map. The user can move the icon to the exact location if the camera is moved.

Each camera is displayed as an icon and can be highlighted using the mouse and when selected, opens an image viewer to display historical images in rapid succession.



Latest Image

Many hundreds of cameras can be displayed on the one page

