

MBS-NWG01 (SCN)

PRODUCT BRIEF

Solar-Cam NW™

Solar Powered 4G/WiFi Network Camera

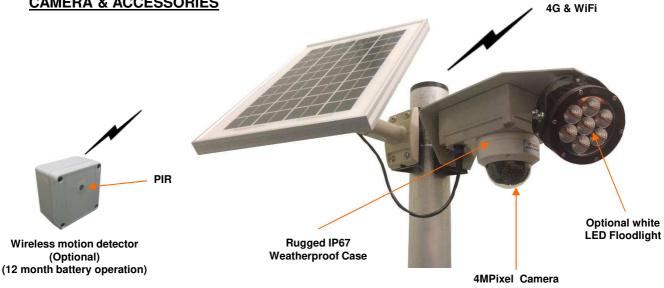
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The Solar-Cam NW is a rugged 4G/WiFi solar powered 4 MPixel Surveillance Camera for harsh environments in remote or unattended locations. The compact autonomous camera is solar powered making it completely independent of external power. The solar-smart 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 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 an optional white LED floodlight for colour night vision. An optional wireless motion detector can activate the camera from up to 80m away. The camera can also operate in 'time-lapse' mode for applications such as Construction, Traffic and Water monitoring etc. The camera records HD video 24/7 for up to 1 month before overwriting. Live video can be viewed at any time as well as viewing and downloading video clips of interest. Still images are also stored on an internal SD card as a backup. For sites with multiple cameras, only the host camera requires the 4G modem and the rest communicate to the host via WiFi

FEATURES

- Fully integrated autonomous solar powered 3G/4G camera system with WiFi connectivity
- Complete 'wire free' solution for remote monitoring & surveillance.
- Camera records video 24/7 and stores up to 1 month of video history which can be viewed remotely
- 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
- Optional wireless motion detectors activates the camera from up to 80m away
- Optional 30W white LED floodlight for colour night vision
- 'Live View' video can be viewed on mobile phone, tablet, and PC
- Choice of 3 telephoto lenses to identify intruders or registration plates
- Rugged weatherproof IP67 housing with 40W Solar Panel all with adjustable mounts.
- Ideal for Traffic Cams, Residential and Commercial security, Flood, Construction & Livestock monitoring,

CAMERA & ACCESSORIES







Construction



Waste Management





Orchard monitoring

Port Monitoring

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SPECIFICATIONS

Camera

Maximum Resolution Wide Dynamic Range Pan & Tilt Rotation Video Compression Max Frame Rate Video Detection Wireless PIR Protocols 2688 x 1520 (4MPixel) 120dB Pan 0 - 355°, Tilt 0 - 75°, Rotation 0 - 355° H.264/MPEG/H.264+ 20 fps (2688x1520), 25 fps (1280x720), 25 fps (Substream) Intrusion, Line crossing, Motion, Dynamic analysis Motion detection up to 80m from camera TCP/IP,UDP,ICMP, HTTP, HTTPS, FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP UPnP,SMTP,SNMP,IGMP,802.1X,QoS,ipV6, Bonjour Internal SD card - 128GB

Storage WiFi

Wireless Standards Frequency Bandwidth Protocols Security Transfer rates Wireless Range

General

Operating Temperature White Floodlight Range Solar Panel Ingress Protection Dimensions Weight

Modem

Frequency Bands:

IEEE802.11b, 802.11g, 802.11n 2.4GHz 20/40MHz 802.11b: CCK,QPSK,BPSK, 802.11g/n: OFDM 64/128 bit WEP, WPA/WPA2, WPA-PSK, WPS 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150 Mbps 50m (164 ft) (Optional long range Antenna available for 250m)

-30°C to 60°C (-22°F to 140°F), Humidity 95% or less 30m (100 ft) 40W @ 18.1VDC IP 67 30 x 19 x 16 cm (11.8 x 7.5 x 6.3 inches) 2.5 Kg (5.5 lbs)

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



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

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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.

