

Vidilanz Xtern-Cam® - Solar Powered Outdoor Surveillance Camera

March 2010

Xtern-Cam® is a rugged outdoor standalone surveillance camera with digital image recording function, integrated night vision and inbuilt Solar Panel to give extraordinary long battery life.

It is the first product to be released as part of the Vidilanz® *Solar Smart®* range of surveillance cameras and is a bundled product consisting of a Vidilanz® surveillance camera, re-chargeable battery, remote control, 2GB memory card, card reader, battery charger and PC configuration software.

The camera captures high-resolution black & white images when motion is detected and stores these to a removable memory card for easy viewing later, on a computer or PDA. The camera can also be powered by an external 12VDC power source and can be externally triggered from a gate or door opening.

Outdoors using its inbuilt Solar panel to recharge the battery during the day, **Xtern-Cam®** can capture more than **380** images every night without ever having to re-charge the battery.

In busier environments where the Camera may capture up to 1000 images per day, the battery would still last around **8 weeks!** The camera can store up to **65,000 VGA images** and will optionally overwrite the oldest images when the memory card is full to enable **'set and forget'** operation.

Xtern-Cam® is also available with a colour camera for daytime operation with the choice of optional **16mm or 8mm Telephoto lenses**.

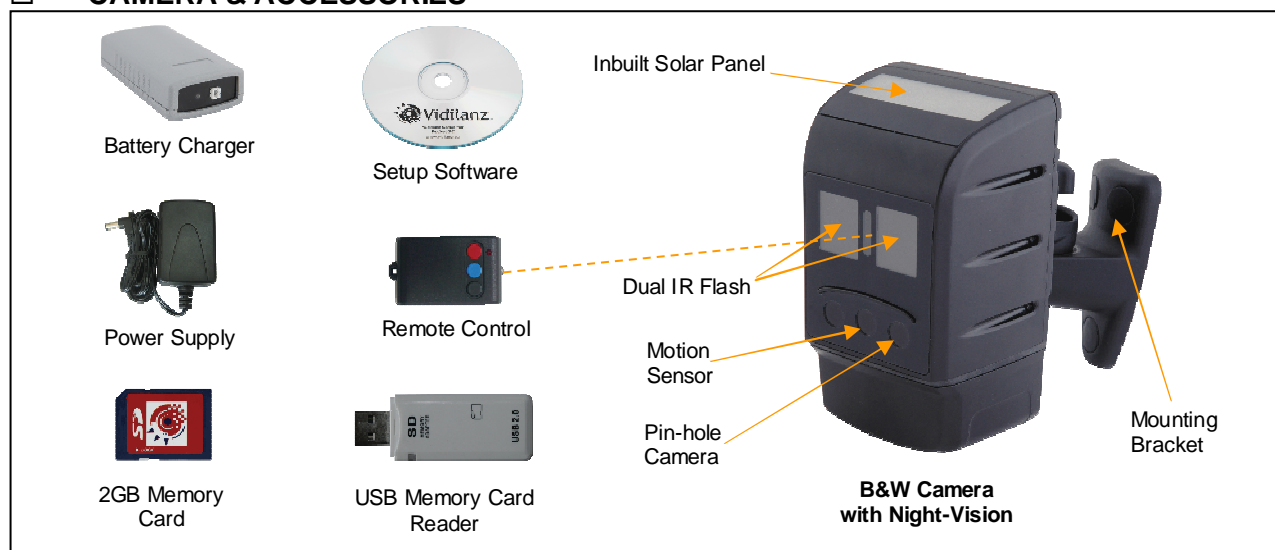
For more information on the full range of the Vidilanz® surveillance cameras, please visit our website at www.vidilanz.eu

FEATURES

- Unique *Solar Smart®* "standalone" outdoor surveillance camera
- Operates indefinitely, taking up to 380 photos/night using its Solar Powered battery
- "Set & Forget" operation
- Inbuilt invisible IR Flash for true covert night vision
- Motion activated or time lapse mode
- Compact, lightweight and portable
- Rugged UV resistant weatherproof case (IP65) for harsh outdoor environments
- Customised image-capture sequence and image encryption
- Time and date stamped images with programmable text overlay
- Flexible scheduler for independent arming and disarming of camera
- Digital signature including camera ID, within each image for integrity verification
- Optional Colour camera available for daytime operation
- Optional 16mm or 8 mm Telephoto lens
- Ideal for monitoring farm gates & sheds, livestock, construction sites, holiday homes, residential & business etc.



CAMERA & ACCESSORIES



□ SPECIFICATIONS - CAMERA

Image Type	Black & White or Colour, JPEG compressed VGA (640x480pixels), QVGA (320x240)
Camera Lenses	Wide angle: 3.3mm, AOV: 73°(D) x 61°(H) x 47°(V) Telephoto: 16mm, AOV: 17°(D) 8mm, 40°(D)
Image Sensor Sensitivity	Colour: 3.8 V/Lux-sec, B&W: 4.9 V/Lux-sec
Motion Sensor (PIR)	Range: 0-5m (16')(Typical), 0-7.5m (25') (Maximum) FOV: 38° horizontal, 22° vertical
Inbuilt Flash options	Type: Invisible IR LED Range: 0-3 m (9.8') Type: Visible IR LED Range: 0-5 m (16.4')
Inbuilt Solar Panel	Power output = 0.17W (Full sunlight)
Memory Card	MMC™ Card (v4.2) or SD™ Card (v1.1), FAT16 file format
Storage Capacity (B&W)	2GB Memory Card VGA: 65,000 images, QVGA: 65,000 images
External Power Supply (Battery must be connected for IR spot)	5 VDC, 300mA 9VDC to 24V DC, 300 mA (with optional interface board)
Internal Battery Capacity	Very high Capacity (VHCB) – Lithium Ion, 3.7V 7.5Ah
Power Consumption	Standby: 1.9 mA , Running: 100 mA, with IR: 900 mA
Case Dimensions & Rating	84 x 144 x 72 mm (3.3" x 5.7" x 2.8"), IP 65
Weight	350g (12oz) – Including battery
Operating Temperature	-20°C to +60°C (-4° F to 140° F)
PC Software Requirements	Windows 2000 (SP4), Windows XP (SP2), Windows Vista



Farm Sheds



Construction Sites



Livestock



Farm Gates



www.vidilanz.eu



Graffiti Monitoring

Information in this document is subject to change without notice
Solar power calculations are only approximations based on Central European Climate