faunatech austbat

Innovative wildlife research equipment

X80 Wireless Surveillance/Trail Camera

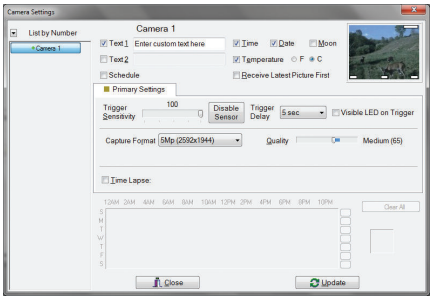
BUCKEYE CAM

The BuckEye Cam X80 provides a versatile solution to your remote monitoring and image capture requirements.

- Long range wireless transmission
- View high resolution pictures & videos directly from your computer or smart phone
- Wireless transmission (Connect up to 254 cameras)
- Fully covert IR illumination to 15 metres+
- Colour images by day, monochrome IR by night
- 5.0 megapixel stills, 640x360 @ 12 fps video
- Fast trigger response (200 milliseconds)
- Time lapse mode
- Scheduling mode

Camera Dimensions (mm)
160 H x 133 W x 64 D

Available in black & camouflage



PCBase software enables you to view pictures/videos & adjust camera settings directly from your computer.

X7D & 12 volt rechargeable battery pack

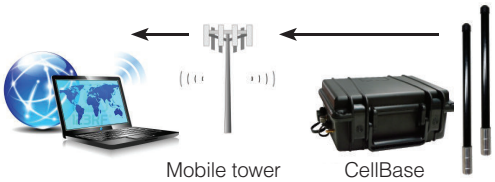
Choose between 4 image transmission modes-

1) Stand alone camera mode
(images direct to SD card)

2) Camera base mode
(images from multiple cameras are sent and stored on one camera)

USB cable tether

3) PC Base mode (receive images over the air directly to a computer within range of your cameras)



4) Cell Base mode (receive images directly to a computer out of range of your cameras using the Telstra mobile network)

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X80 Long Range Wireless Transmission

BUCKEYE CAM

BuckEye Cam X80 Features

- Picture Resolution- 5 megapixel, 3 megapixel HD, 3 megapixel, 1080 HD, 1 megapixel, 720 HD, 0.3 megapixel.
- Video- 640x360. Up to 12 frames per second (limited by available transmission rate), 5-60 second clip length with smart capture technology.
- Up to 3.0 kilometre transmission range from camera to camera or camera to base station.
- Cameras can act as repeaters. This feature can be used to get over or around transmission obstacles or to increase the distance from the base station.
- Ability to have multiple cameras transmitting to a Single base station - Note The X80, X7D and Orion cameras cannot communicate to each other.
- Multiple user selectable still picture resolution settings for each camera from 0.3 megapixel up to 5.0 megapixel. Including multiple high quality video modes.
- Take still pictures or videos 1 second to 2 hours apart at any picture resolution, even at night
- Extremely low power consumption- In wireless mode you can expect to get up to 2000 pictures.
  In video mode, you can expect to get 14 hours of video (equivalent to 90 twenty second videos).
- Change the Time/Day/Month/Year from the base station which automatically updates the camera.
  The PC Base and CellBase will automatically update the cameras using the computer time and adjusting for Daylight Savings time.

Customisable camera settings - The following camera settings can be selected using the PCBase software:

Image stamp selectable options

• Four custom text fields • Time • Date • Temperature • Moon Phase

Camera configuration selectable options

• Trigger only during the Day, Night or Day and Night (both) • Set the video length from 5 to 60 seconds. • Burst mode • Motion Detector Sensitivity
• Picture Brightness Adjustment • Adjustable Picture Quality (for faster download) • Scheduling mode • Time lapse mode.

X80 Base Mode Details

1) Stand alone camera mode (images saved directly to SD card)

The camera operates as a single stand alone camera only, with wireless functionality disabled.
The PCBase software used to adjust camera settings is stored on the SD card.
The software is run on a computer directly from the SD card and camera settings can be accessed and modified.
Settings are then uploaded to the camera when the SD card is inserted & powered on.

2) Camera base mode (images from multiple cameras are stored on one camera)

The camera can be configured to be a Base only (receive pictures only).
When the camera is configured as a Base, It will store (and sort) the pictures from up to 255 other X80 cameras on a standard SD card.
The PCBase software used to adjust camera settings is stored on the SD card.
The software is run on a computer directly from the SD card and camera settings can be accessed and modified.
Settings are then uploaded to the camera when the SD card is inserted & powered on.

3) PC Base Mode (receive images over the air directly to a computer within range of your cameras)

The PC Base unit connects directly to a computer with a USB cable.
The PCBase software used to adjust camera settings is installed on the computer the unit is connected to.
Camera settings can be accessed and modified directly from the PCBase software & uploaded over the air to the camera/s
When a camera takes a picture/video, it will be transmitted immediately & stored on the computer hard drive if the PCBase is online.
Or stored on the camera to be transmitted & stored on the computer hard drive when the PCBase is connected and online.
The PCBase software allows pictures/videos to be sent via email on a computer connected to the internet.
Pictures/videos can be viewed directly on your computer or emailed to your smart phone.
A BuckEye LiveCam subscription service is also available enabling pictures to be up uploaded & viewed via a web browser on an internet connected computer.

4) Cell Base Mode (receive images directly to a computer out of range of your cameras using the Telstra mobile network)

The CellBase unit connects to the Telstra mobile network, enabling over the air transmission of photos to an internet connected computer
Only one Telstra mobile data plan is required for all cameras registered to that CellBase.
The PCBase software used to adjust camera settings is installed on the computer the unit is connected to.
Camera settings can be accessed and modified directly from the PCBase software & uploaded over the air to the camera/s
When a camera takes a picture/video, it will be transmitted immediately & stored on the computer hard drive if the CellBase is online.
Or stored on the camera to be transmitted & stored on the computer hard drive when the CellBase is connected and online.
The PCBase software allows pictures/videos to be sent via email on a computer connected to the internet.
Pictures/videos can be viewed directly on your computer or emailed to your smart phone.
A BuckEye LiveCam subscription service is also available enabling pictures to be up uploaded & viewed via a web browser on an internet connected computer.

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