



The power of thermal imaging is now available in the X80 family of wireless cameras and sensors!

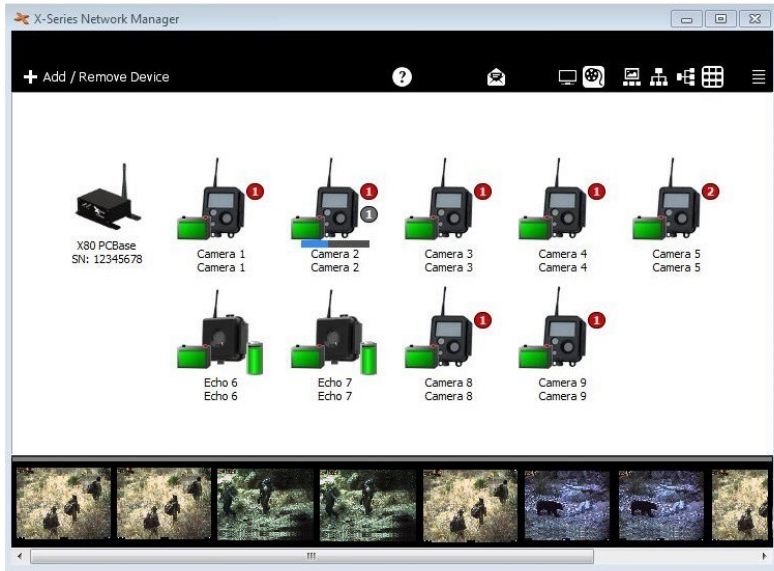
- Detects invisible heat radiation emitted or reflected by all objects. No light source or flash required.
- Small, rugged anodized aluminum enclosure for ease of concealment.
- Powered by common rechargeable 12V SLA battery.
- Completely compatible with all X80 devices for long range wireless transmission.

Three base options are available.

<p>PC Base</p> <p>Up to 25 - 30 Miles</p>	<h2>PC Base</h2> <ul style="list-style-type: none"> • Cell service is NOT required • Connects to computer with USB • Control up to 254 wireless devices
<p>Net Base</p> <p>Up to 25 - 30 Miles</p>	<h2>Net Base</h2> <ul style="list-style-type: none"> • Cell service is NOT required • Control up to 254 wireless devices • Control cameras from anywhere • Use your own private network
<p>Cell Base</p> <p>Up to 25 - 30 Miles</p>	<h2>Cell Base</h2> <ul style="list-style-type: none"> • Control up to 254 wireless devices • Only requires 1 data plan per base • Control cameras from anywhere • Works with all major carriers

Continued from reverse side

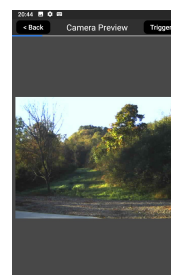
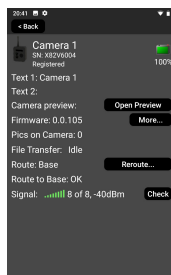
All X80 wireless devices are controlled and monitored with the X-Series Network Manager software.



X-Series Network Manager

- Control cameras and receive images
- Custom settings for each camera
- Images can be automatically emailed
- Works with Windows and Mac
- Works with mobile devices
- Optional external sensors can be added
- Interface with Unattended Ground Sensors

Initial camera setup is very easy using the *X80 Remote* mobile app. Check battery and signal strength, change camera routing, and receive actual “walk test” pictures on any Android or iOS mobile device or use the optional Ruggedized Handheld Interface.



Shown with required battery pack



X80 Wireless Thermal Camera Part No. 6800-2

Image Sensor	Low Resolution FLIR Lepton 3.5, 160 x 120
Motion Detector Type	Passive Infrared (PIR)
Motion Detector Range	User adjustable. Up to 100 feet
Motion Detector Detection Angle	Approximately 10 degrees
Reaction Time	0.2 Seconds
Delay Between Pictures	User selectable. 1 second to 2 hours.
RF Transmission Range	2 miles (standard antennas). Up to 30 miles using high gain antennas and/or repeaters.
Transmission Speed	Up to 8 kilo bytes per second (Approx. 5 sec. per thermal image)
Maximum allowable antenna gain	15.1 dBi (including cable losses)
Number of Cameras Assigned to One Base	Up to 254
Operating Temperature	14 to 140 F
Battery Type	12V SLA UB1290 rechargeable (sold separately)
Battery life (without solar panel)	Approximately 21 days
Solar Panel	Optional solar panels sold separately
Communication Frequency Band	902 to 928 MHz
Transmitter Output Power	Up to 250 mW
Spread Spectrum	Frequency Hopping
RF Encryption	AES-128
Compatibility	Compatible with all X80 wireless devices
Camera Dimensions (Approximate)	3.8 in H x 3 in W x 1.5 D
Battery Pack Dimensions (Approximate)	5.3 in. H x 7 in. W x 6 in. D
Part Numbers / Colors	6800-2-Black, 6800-2-Tan, 6800-2-Green

For more information visit www.buckeyecam.com or email sales@buckeyecam.com

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