



AMERICAN TECHNOLOGIES
NETWORK, CORP.

THERMAL EYE X200XP

THERMAL IMAGING SCOPE

The Thermal-Eye X200xp is the smallest and lightest handheld thermal imaging camera available on the market today. It is designed for a variety of applications, including public safety, security and military.

The state-of-the art amorphous silicon micro-bolometer technology found inside the Thermal-Eye X200xp is what permits the camera to be so small and light. Measuring about five inches long and weighing only thirteen ounces, the X100xp easily fits into the palm of a hand or pocket, perfect for covert operations or convenience. The camera presents a huge advantage for the operator, providing the ability to see the unseen, even in the dark of night, whether conducting a routine patrol, fugitive search or covert military mission.



FEATURES:

- FUGITIVE SEARCH AND PURSUIT
- ROUTINE PATROLS
- HIDDEN COMPARTMENT DETECTION
- ASSET PROTECTION
- SEARCH AND RESCUE
- CRIME SCENE INVESTIGATION

SYSTEM SPECIFICATIONS:

Detection range: 450m
FOV (HxV): 11°x8°
Range of focus: 1m to infinity
Viewfinder display: monochrome
Power source: 2AA batteries
Battery life: 2-6 hour
Waterproof: to 3m submersion
Operating temperature: -20°C to + 60°C
Dimensions: 134 x 114 x 51mm
Weight:..... 381g



WITHOUT X200 XP



WITH X200 XP

THERMAL SPECIFICATIONS:

Focal Plane Array

Material & Structure.....Amorphous Silicon Microbolometer (160 x 120 pixel array)

Spectral Response..... 7-14 μ m (filter bandwidth)

Thermal Sensitivity..... max 50 mK

Thermal Imaging System Performance

Start-up Time..... ~ 3 sec

Contrast /Brightness.....Automatic Gain/Level Control Enhanced Image Processing

Range to Detect.....Human Activity Up to 1500 Feet (450 meters)

Output Format

Field of View..... 11°horizontal X 8° Vertical Optics

Focus.....Manual adjust

Environmental

Operating Temperature...-4°F to 140°F (-20°C to 60°C)

Storage Temperature.....-40°F to 176°F (-40°C to 80°C)

