



NIGHTHAWK™

BTX / Backscatter & Transmission X-ray

scans deeper to see hidden threats

With laser-focused vision, the lightweight, portable Nighthawk Handheld X-Ray Backscatter Imaging System sees what is invisible to the human eye.

The Nighthawk quickly scans vehicles, packages and more to help officers locate narcotics, weapons and other dangerous contraband.

precise, practical and powerful



safety

- Configurable Single/Dual Trigger Modes
- Top, Side and Front X-Ray Indicator Lights
- X-Ray Beam Arming Interlocks
- Front Facing Flashlight
- Dual X-Ray Demarcation Lasers
- User Fleet Management



display

- Easy to use 6" LCD High Resolution Color Touchscreen



imaging

- Saved as Tiff and JPEG Formats
- 5 Color Viewing Modes
- 4 Image Enhancement Filters
- Automatic Contrast Optimization
- Manual Contrast Adjust
- Image Annotation
- Suspicious Image Flag
- Like & Pin Scans/Sessions for Quick Recall



connect

- Wireless IEEE 802.11 8802.15.1
- GPS
- USB-C
- Dual Front Accessory Interfaces
- 4G/5G Compatible with Hotspot*



batteries

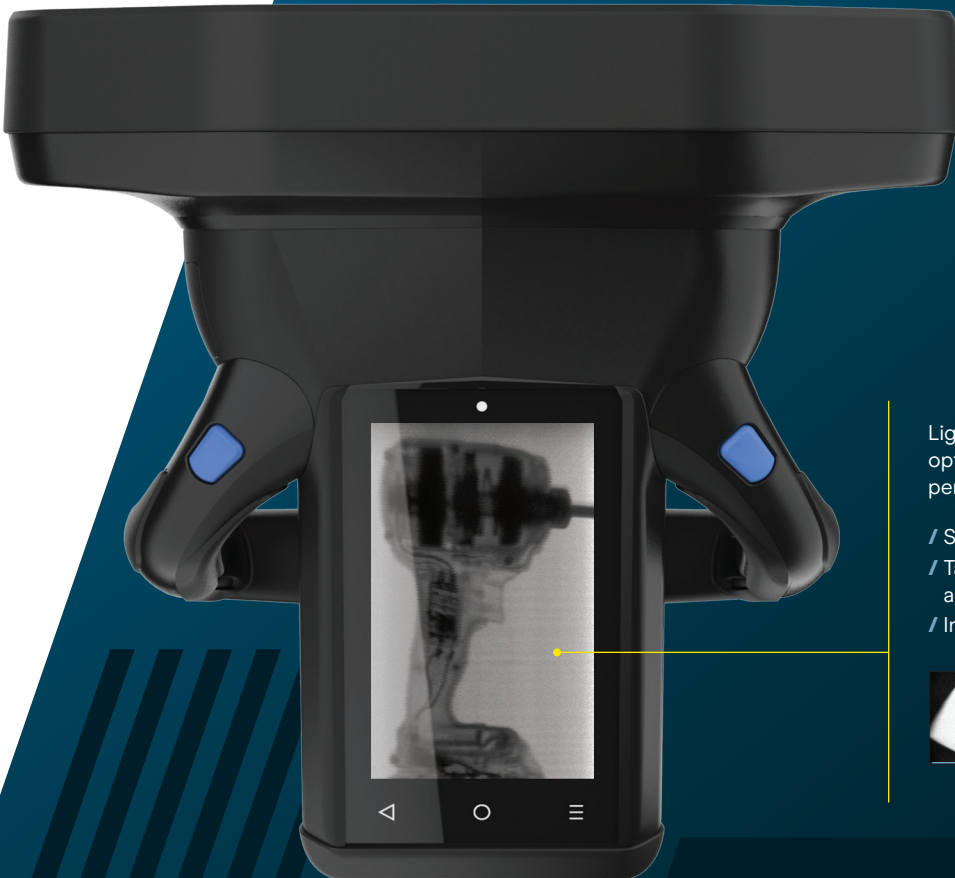
- 14.4V Battery Pack (Same as Foxhound)
- 120 kV = 4-6 Hours (Typical Duty Cycle)
- 140 kV = 3-5 Hours (Typical Duty Cycle)



camera

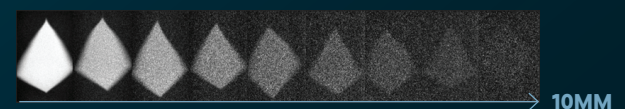
- 5MP Color Front Facing Camera

*Hotspot/Cellular plan not provided by Viken



Lightweight with a long-lasting battery, the Nighthawk™ optimizes imaging for 120/140kV, resulting in equivalent penetration yet better image quality than competitors.

- / Scans up to 16in (41cm)/s | Max Scan 30s
- / Targeted X-ray shielding to optimize image and reduce undesired scatter.
- / Improved penetration and resolution





one sense ahead to enhance security and help save lives.

accessories

standard accessories

INCLUDED

- / Locking Rolling Weatherproof Case
- / Adjustable Safety Strap
- / System Check Shield
- / 2x Battery Packs
- / 110/220V AC 1-Bay Battery Charger
- / Interface Cable
- / User Guide
- / Country-specific Power Cables

supplemental accessories*

SOLD SEPARATELY

- / Broadwing DTX Transmission accessory fits in places traditional panels cannot, avoiding setup & positioning time.
- / Wingbar-RGD & Wingbar-RGD 4G Tablets
- / Spare Batteries
- / 1, 2, 4 or 6 Bay Charger
- / Tactical Backpack
- / Sunshield



product specifications

operating conditions

-4°F (-20°C) to 140°F (60°C)

compliance

ROHS | CE | IP54

software & support

Android™ Based Application
Complimentary Software Updates
Training Services Available
Extended Warranty Available

configurable options

Customize your Nighthawk to Meet Your Needs with the following features:

- / PbID: Provides automatic XRF lead detection and identification
- / Dual Trigger: Requires simultaneous 2-trigger depress to emit X-rays
- / Disable Wireless: Disables WiFi/Bluetooth for EOD sensitive use cases
- / Other configurations available. Contact sales rep for more info.

model	NHBTX-120W5	NHBTX-120W7	NHBTX-140W7	NHBTX-140W10
tube	120kV / 5W	120kV / 7W	140kV / 7W	140kV / 10W
dimensions (WxHxL)	282mm x 199mm x 265mm		282mm x 199mm x 278mm	
weight	9.5 lb (4.3 kg)		10.7 lb (4.8kg)	
penetration	6.5mm	7mm	8.5mm	11mm

*Upgrades, tools, and supplemental accessories sold separately. TX and XRF modalities require featured upgrades and accessories.