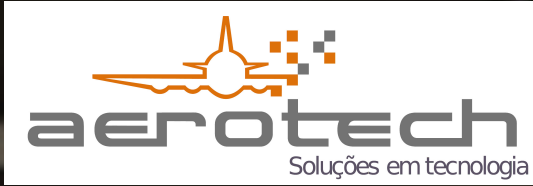


# NIGHTHAWK-BTX™

Most Advanced Version of Viken's Handheld X-Ray Backscatter Imaging System



## BACKSCATTER BTX TRANSMISSION XRF Pb DETECT

### MULTI MODALITY SAFELY EVOLVED

Targeted x-ray shielding leverages every photon for optimized image quality without increasing x-ray tube voltage/power or additional scatter/exposure to operator.

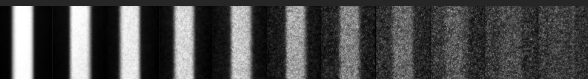
### EXTENDED DETECTOR

Largest backscatter detector collection area of the Nighthawk family provides highest quality imaging even at a standoff distance. Ideal for large FOV scans and for increasing sensitivity through thick materials.

### SEE DEEPER & DARKER

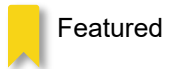
Improved penetration and resolution provide crisp clear visualization of concealed objects even behind thick steel.

0mm 1mm 2mm 3mm 4mm 5mm 6mm 7mm 8mm 9mm 10mm



Bx Steel Penetration Scans of organic behind Stainless Steel for Model: NHBTX-140W10

### +KEY UPGRADES



**Pb TRAP DETECT** - Don't second guess the results. True XRF technology automatically identifies lead traps alerting user to hidden materials during Bx or Tx scans.



### +PERFORMANCE IMAGING TOOLS

**BROADWING-DTX** - Quick connect on the fly dynamic Tx imaging. See what you've been missing without missing a beat. Fits in places traditional panels cannot. Avoid panel setup and positioning time.



The **NIGHTHAWK-BTX** is the only series compatible with **BROADWING-DTX**. Request a datasheet for more details.

WINGBAR-RGD TABLET  
WINGBAR-RGD 4G TABLET

### +SUPPLEMENTAL ACCESSORIES

- TACTICAL BACKPACK
- SUNSHIELD
- SPARE BATTERY PACK
- 1, 2, 4, AND 6-BAY CHARGERS

**VIKEN**  
DETECTION

For more information on **Nighthawk-BTX™** contact us at [sales@vikendetection.com](mailto:sales@vikendetection.com)

# NIGHTHAWK-BTX™

## COMMON NIGHTHAWK-BTX™ SPECIFICATIONS

All versions of the Nighthawk-BTX series scanners include the following standard options:

BATTERIES	14.4V (YELLOW) Battery Pack 120 kV = 4-6 hours   140 kV = 3-5 hours at typical duty cycles	CAMERA	5MP Color Front Facing Camera
DISPLAY	6in   High Resolution   Color   Touch LCD	SCANS	Up to 16in (41cm) / s   Max Scan 30s
OPERATING CONDITIONS	-4°F (-20°C) to 140°F (60°C)	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
CONNECT	Wireless IEEE 802.11 & 802.15.1 GPS USB-C Dual Front Accessory Interfaces 4G/5G Compatible with Hotspot*	SYSTEM	Android Based Application
IMAGING	5 Color Viewing Modes Automatic Contrast Optimization Manual Contrast Adjust Image Annotation Suspicious Image Flag 4 Image Enhancement Filters	COMPLIANCE	ROHS   CE (pending)
		STANDARD ACCESSORIES	Lockable Rolling Weatherproof Case Adjustable Safety Strap System Check Shield 2x Battery Packs 110/220V AC 1-Bay Battery Charger Interface Cable User Guide
		SUPPORT	Complimentary Software Updates Training Services Available Extended Warranty Available

\*Hotspot / Cellular plan not provided by Viken.

## MODEL SPECIFIC SPECIFICATIONS

MODELS	NHBTX-120W5	NHBTX-120W7	NHBTX-140W7A	NHBTX-140W7B	NHBTX-140W10
TUBE	120kV / 5W	120kV / 7W	140kV / 7W	140kV / 7W	140kV / 10W
DIMENSIONS	W=282 / H=199 / L=265 [mm]		W=282 / H=199 / L=278 [mm]		
WEIGHT*	9.5 lb [4.3kg]	10.7lb [4.8 kg]	10.7lb [4.8 kg]	10.7lb [4.8 kg]	10.7lb [4.8kg]
PENETRATION	6.5 mm	7 mm	8.5 mm	8.5 mm	10 mm

\*Dimensions of scanner enclosure. Does not include accessories or soft fittings.

\*\*Weight includes battery. +Pb Trap detection upgrade adds 0.1lbs[.04kg].

## CONFIGURABLE OPTIONS

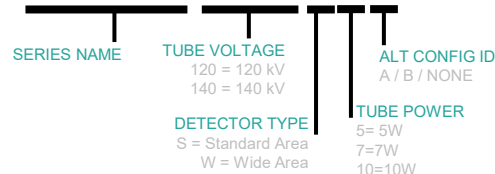
Customized at the factory for your needs

+Pb TRAP DETECT	Add automatic true 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

Additional customizations are available. Ask your sales representative for more information.

## MODEL NUMBER BREAKDOWN

### NHBTX-AAABCD



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For more information on **Nighthawk-BTX™** contact us at [sales@vikendetection.com](mailto:sales@vikendetection.com)