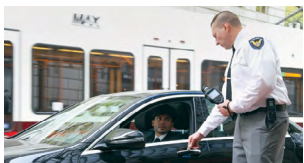**HTDS**
Hi-Tech Detection Systems

Fido X2
FLIR

ULTRA-LIGHT WEIGHT EXPLOSIVES TRACE DETECTOR

- DETECTS VARIOUS TYPES OF IMPROVISED, COMMERCIAL AND MILITARY EXPLOSIVES WITH A SIMPLE SAMPLE

- EXTENDED IDENTIFICATION BASED ON THE CLASS

- ANALYSIS IN LESS THAN TEN SECONDS

- NO RADIOACTIVE IONIZATION SOURCE OR HAZARDOUS CHEMICALS

- ULTRALIGHT < 680 G

THE FLIR FIDO X2 IS AN ULTRA-LIGHTWEIGHT, HANDHELD EXPLOSIVES TRACE DETECTOR (ETD). IT PROVIDES AN UNPRECEDENTED COMBINATION OF SENSITIVITY, SPEED, AND EASE OF USE.

Its award-winning TrueTrace™ technology detects threats with higher sensitivity and faster clear-down than similar products. Fido X2 performs fast ten-second analysis and provides cost-effective operation with reusable sampling swipes.

With thousands of units elded in over 40 countries, Fido X-series products are the most trusted handheld ETDs for critical security applications.

FAST, TRUETRACE DETECTION
Enables rapid threat screening in sporting arenas, mass transit facilities, hotels, private venues, and other critical infrastructure

- Fast three-minute start-up
- Analysis in less than ten seconds
- Rapid clear-down within seconds
- No radioactive source or hazardous materials

SIMPLE, GUIDED OPERATION
Guided user interface aids the operator with sampling and decision-making

- On-screen prompts
- Simple go/no-go alarms
- On-device video training
- Ultra-lightweight <(680 g)

BEST-IN-CLASS SENSITIVITY
FLIR's patented TrueTrace technology detects explosives with better sensitivity than similar products

- Broad, class-based identi cation
- Detects multiple types of homemade, commercial, and military explosives with a single sample
- More sensitive than other products in its class
- Reusable sampling swipes, vapor detection capability

Fido X2
FLIR

FIDO X2

Technology	FLIR TrueTrace™; multi-channel uorescence technology; no radioactive source

SAMPLING & ANALYSIS

Sample introduction	Sampling swipes for surfaces; vapor sampling with optional accessory
Sample phase	Trace particulate and vapor
Threats	Detects homemade, commercial, and military explosives
Sampling & analysis	Analysis ≤ 10 seconds

SYSTEM INTERFACE

Display & alerts	Visible, audible, and haptic (vibration) alerts; vivid, sunlight-readable color display (32k colors)
Localization	Language translation available worldwide
Communication	USB 2.0 (Mini-USB)
Data storage	10,000 discrete les; First-in, First-out (FIFO) automatic overwrite
Data management	On-device report generation; export to mass storage
User levels	Operator

POWER

Input voltage	100-240 VAC (wall adapter supplied); runs device and charges battery simultaneously
Battery specs	Rechargeable and swappable Li-ion battery; adapter included
Startup time	3 minutes from cold

ENVIRONMENTAL

Operating Temperature	0 to 45 °C
Operating humidity	5% to 95% non-condensing
Storage temperature	-10 to 50 °C

PHYSICAL FEATURES

Dimensions (L x W x H)	32.2 x 10.0 x 7.2 cm - with swab desorber and battery (standard model) 27.0 x 10.5 x 7.0 cm - with vapor sampling accessory and battery
Weight	680,4 g
Enclosure & protection	Flame retardant PC-ABS alloy with aluminum reinforcements