

ALDS TDK Tactical Deployment Kit



Fast. State of the Art Protection

ALDS is a high resolution laser radar system that provides accurate detection with 3-5X lower false alarms than existing technologies. The ALDS TDK kit offers a man portable mobile solution that can be easily transported in a vehicle and deployed in minutes for fast wide area protection and video surveillance. The TDK is engineered and built in the USA by leading C4ISR specialists.

Automated Sentry

With an upright night vision infrared PTZ camera and scanning laser sensor, the system automatically detects and continuously tracks intruders in the area. Coupled with a high powered 3 speaker PA unit and siren/strobe alarm the system provides a strong deterrent to would be intruders. Alarm notifications are transmitted wirelessly to provide remote monitoring with live video feed and realtime breadcrumb tracks on satellite maps.

Enhanced Operational Efficiency

ALDS provides fully automated situational awareness empowering security officers to more efficiently manage security risks and coordinate response. ALDS sensors act as virtual sentry units to augment existing patrols to enhance security 24/7 without straining resources.

Benefits

- Portable mobile security station
- Zero installation, fast setup, easy transport
- 360° laser radar with 5-50 football fields of coverage area*
- 360° infrared night vision PTZ video camera
- Realtime intruder position tracking system
- Automated video tracking system
- Wireless mobile monitoring

Applications

- Airports and aircraft protection
- Power substations
- Oil & gas facilities
- Industrial plants
- Facility perimeter protection
- Gate security
- Rail & transport
- Construction sites
- Military & Law Enforcement



Optional TDK monitoring kit

TDK Specifications*

Parameter	Value
ALDS sensors	360° tracking sensor with up to 200m diameter coverage (PLS100) 200° tracking sensor with up to 120m side to side coverage (PLS60)
Number of tracked intruders	Up to 16 people simultaneously
Safety	Class I eye safe
PTZ Camera	360° 2.0 Megapixel infrared video camera with 30X zoom, 80m-100m IR night vision
Alarm deterrent	Integrated 300W triple horn loudspeaker PA system High powered 120db strobe/siren unit
Sensor tripod	Professional heavy duty tripod with triple head 3 axis adjustment, quick disconnect plate, 3 way bubble levels
GPS	Built in GPS asset tracking device
Rugged mobile PC	Wide thermal range, solid state industrial PC, SSD drive
Cellular modem	LTE, HSPA+, EVDO modem with GPS
I/O network encoder	Digital input/outputs, HTTP, TCP, email alerts
Control unit case	18.5" x 14.1" x 6.9" 25lbs
Transport case	32" x 21" x 13" 75lbs
Interface	Illuminated power switches, WAN port, HDMI out, USB port
Power	120/240VAC, DC power port (optional lithium battery kits available)
Warranty	1 year

* Specifications subject to change



Man portable rapid deployment kit



Wireless Mobile Monitoring



360° laser radar & infrared video surveillance



Compact control case engineered with top quality solid state electronics



Rugged transport case



Loudspeaker PA/Siren/Strobe

TDK Quick Facts Sheet

What is the coverage range?

2 sensors options are available:

- 360⁰ laser radar kit covering a circular area up to 200M wide (about 5 football fields)
- 200⁰ laser radar kit with 60M sensor for protection of gates, driveways, yards, etc.

What are the key benefits?

- All-in-one intrusion detection, tracking, and video surveillance package ready for turn key operation
- Eliminates need for time consuming installation, costly infrastructure, wiring, and IT issues
- Easy 5 min setup, portable, suitable for temporary or long term use
- Superior detection vs video and motion sensors
- Does not false alarm to lighting changes, moving shadows from headlights, weather changes, and is 100% effective in darkness

What are the power requirements?

- Plugs into an outlet, dual voltage 120V/240V
- Lithium battery kits available as an option for remote applications

How is it monitored?

- Built in wireless cellular and wifi communications
- Can be monitored locally from a guard booth or security room using a laptop, iPad, mobile phone, or remotely from anywhere in the world via secure remote desktop
- Realtime alarm notifications can be sent by email or text, or to local alarm panel
- Optional TDK monitoring kit with display, foldout keyboard, industrial PC and wireless communications housed in a ruggedized tactical kit

What's involved in setup?

- Setup tripod & sensor, quick connect sensor and camera cables
- Plug power in and power on kit
- No programming required
- See online video demonstration <https://vimeo.com/183892940>



What kind of alarms available?

- amplified 3 horn loudspeaker PA system for live voice communication
- high powered siren/strobe unit
- silent remote alarm notifications

Is GPS tracking available?

- TDK kits have built in GPS trackers to provide location of assets and tracking of asset movement