

TACSIGHT™ SE35

OWN THE NIGHT.

THE New Critical Tool in Your Arsenal

The TacSight SE35 thermal imager enables law enforcement personnel to see heat signatures of objects, people, and other sources. It detects extremely small differences in temperature, so that officers can distinguish people from their immediate surroundings. Needing no light to operate, the TacSight SE35 generates high-quality images on the darkest nights, even through smoke and fog. While darkness and camouflage can defeat night vision, suspects cannot hide from thermal imaging. Their own body heat gives them away.

The TacSight SE35 is a powerful tool for tactical, surveillance and scene assessment applications.

Extreme Performance Under The Hood

The TacSight SE35 utilizes the latest thermal imaging technology. Its advanced infrared engine incorporates an ultra high resolution focal plane array that enables maximum clarity for distinguishing objects and features at long distances.



LATEST
FEATURES
HIGHEST PERFORMANCE



Advanced Features for Advanced Detail

4X Digital Zoom

Bullard introduces 4X Digital Zoom on the TacSight SE35 providing maximum human form detection at distance. Versatile as a tactical tool, the SE35 becomes a long-range nighttime surveillance tool in zoom mode.

Switchable Polarity

The TacSight SE35 incorporates the ability to switch from a “white hot” to a “black hot” image. This feature illuminates details that might otherwise be misinterpreted or missed altogether.

Display Dimming

In situations where stealth is required, the display can be dimmed or turned off to prevent detection.

TacSight SE35 Advantages:

- Small and compact
- Tough and completely waterproof
- High performance imagery
- Latest features designed for law enforcement
- Interoperable with thousands of Bullard thermal imagers and accessories
- Only Law Enforcement Thermal Imager with versatile accessories

Bullard®
It's your life and you're worth it™

BULLARD TOUGH

Call 877-BULLARD or visit www.bullard.com/tacsight to find out how to OWN THE NIGHT.

TACSIGHT™ SE35 Technical Specifications

Overall TI Unit

Weight	With battery 3.5 lbs Without battery 2.9 lbs
Dimensions	Height : 6" Length : 4 1/4" Width : 7 1/2"
Water Resistance	IP67; 3 feet at 30 minutes
Impact	No permanent functional damage, 1.5 meter drop

Casing

Shell Material	Ultem® Thermoplastic
Sealing	Silicone and Neoprene
Strap Material	Kevlar®
Display Cover	Polycarbonate (hardcoated)
Lens Cover	Germanium (2 mm thick)

Core/Detector

Type	Uncooled Microbolometer with Digital Processing
Resolution	320 x 240 array
Sensing Material	Amorphous Silicon (aSi)
Spectral Response	8 - 14 Microns
Thermal Stabilization	10° - 50°C
Update Rate	30 Hz
Temperature Sensitivity	0.05° C
Video output	NTSC
NETD	<70
Dynamic Range	<80°C
Pixel Pitch	45 um
Thermal Time Constant	<21 MSEL

Lens (Standard)

Material	Germanium
Lens Size	35 mm
Field of View	17° x 23°
Focus	3 feet (1 meter) to infinity
Speed	f / 1.0

Electrical System

Power Source	NiMH Rechargeable Battery or Alkaline Batteries (8 cells)
Output	10V Nominal
Capacity	1600 mA.hr
Operating Time	1.5 Hours Nominal
Start Up Time	30 Seconds Nominal
Charger Single Battery	120 VAC or 12 VDC
Switch Cycle Test	1,000,000 cycles
Battery Life	1,000 charge cycles
Battery Weight	0.6 pounds (9.5 oz)
Recharge Time	2 hours nominal

Display

Type	Liquid Crystal Display (LCD)
Size	3.5" Diagonal (52.4 x 71.76 mm) TFT Active Matrix
Dot Pitch	188 mm (V) x .160 mm (H)
Dot Format	384 X 234 Dots
Pixels	89,856
Pixel Configuration	R-B-G Delta Configuration
Display Method	NTSC
Input Signal Level	1.0V P-P (Positive) 75 ohm
Back Light	Fluorescent Lamp
Brightness	400 cd/m2
Viewing Angle	Left/Right=60°, Up=35°, Down=60°

Transmitter

Mounting	External
Signal Type	Analog
Antenna Type	Dipole
Transmitting Frequency	2.4 GHz
Power output	300 mW
Power Supply	Internal
Power Consumption	3.5 W
Frequency Selection	2 or 4 Channel Switch
FCC License	Part 90

Available Accessories



Alkaline Battery Pack

MobileLink™

Transmitter Handle

TACSCOPE™

TACPORT™

Mobile Command Center

Bullard

1898 Safety Way
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