Coral SD

Real-time remote detection of covert IEDs

Elbit Systems™ ISTAR

Coral SD

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Benefits

- High sensitivity detection
- Standoff detection
- Passive detection of thermal anomalies
- Detects all types of explosives, metals, glass, ceramics and fluids
- Effective detection of concealed threats under all types of clothing and materials
- No invasion of personal privacy
- Rapidly deployed
- Fully operational and field-proven
- EOS mode –special detection algorithm

Features

- Hand-held or remote controlled user-friendly operation
- Unit weight: 4.25 kg (in hand-held mode)
- Three modes: CCD, FLIR and EOS
- Detection range of 100m/200m in EOS mode
- No artificial illumination required for the sensing process
- Vehicle mounting option
- Field compliant – meets IAW MIL-STD-810F standards
- Internal DVR – 8 hours of high-quality recording

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EP16-MKT-026

Flexible deployment options and standoff

Operationally deployed and field-proven, the Coral SD incorporates CCD, FLIR and the innovative ELOP-developed electro-optic system (EOS) modes. Completely ruggedized for harsh environments, the Coral SD is lightweight enough to be hand-held, but can also be tripod or vehicle-mounted for the maximum in operational flexibility. The camera's set-up and operation is straightforward and fully compliant with all relevant military standards.

Passive real-time thermal detection

The Coral SD offers effective remote detection of threats hidden under a broad range of clothing and when attached to surfaces such as wood, cloth or plaster.

Operationally deployed and field-proven

The Coral SD has been deployed extensively in Israel and around the world. It is fully operational within the Israeli National Police and other Israeli Security Agencies, and also widely utilized by various US agencies and organizations.

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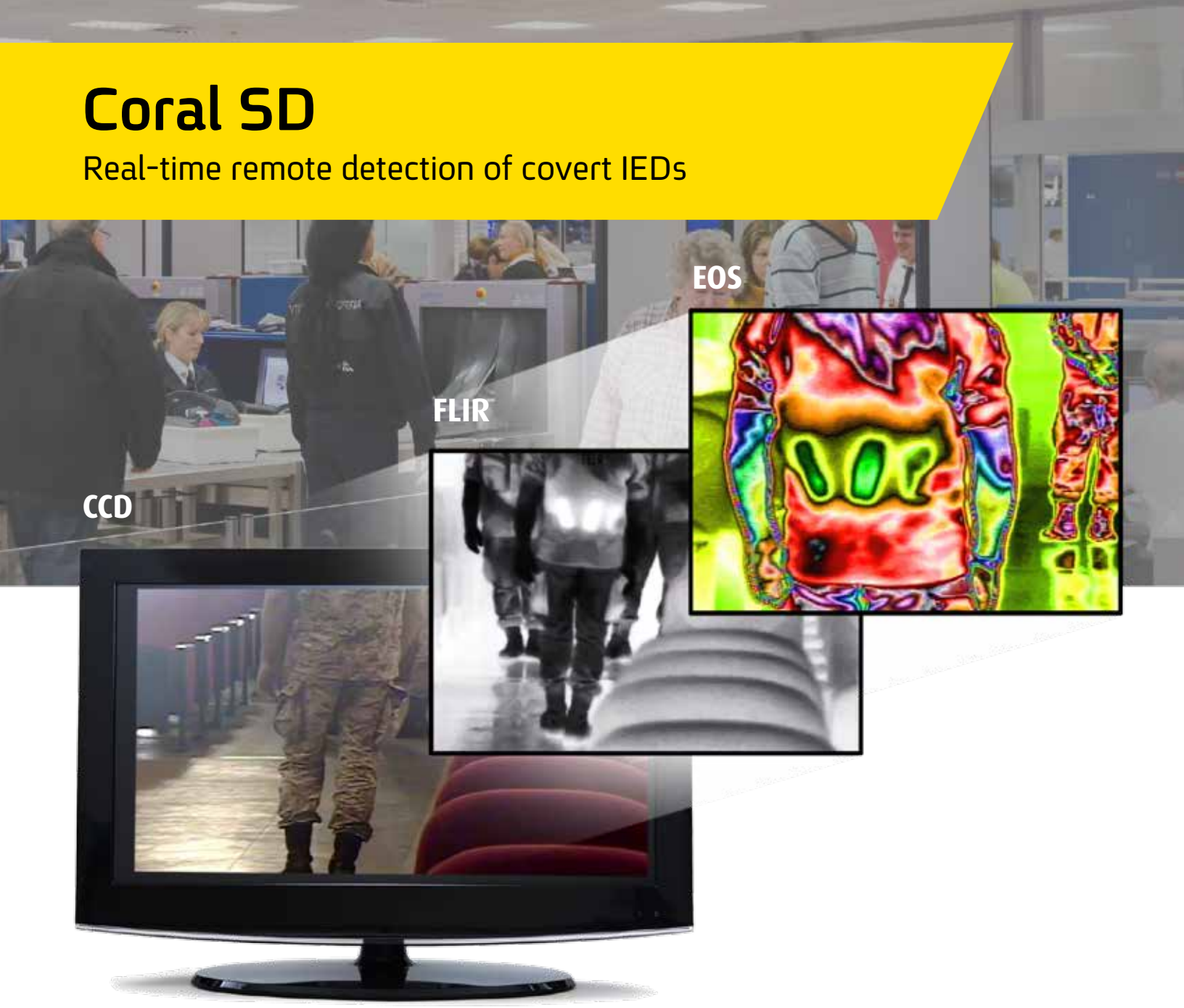

Elbit Systems' Coral SD is a revolutionary thermal camera that can remotely detect IEDs and other covert threats under clothing. The camera utilizes advanced sensors and cutting-edge algorithms to passively detect a range of threats and thermal anomalies including explosive belts made of plastic and potentially dangerous materials such as glass, ceramic and fluids. The system also detects hidden explosives that are connected to walls made of a wood, cloth or plaster.

The Coral SD thermal camera is suitable for a wide range of applications including drug and weapon enforcement, border control, police missions, personal screening, facilities security and cross-border terror prevention.