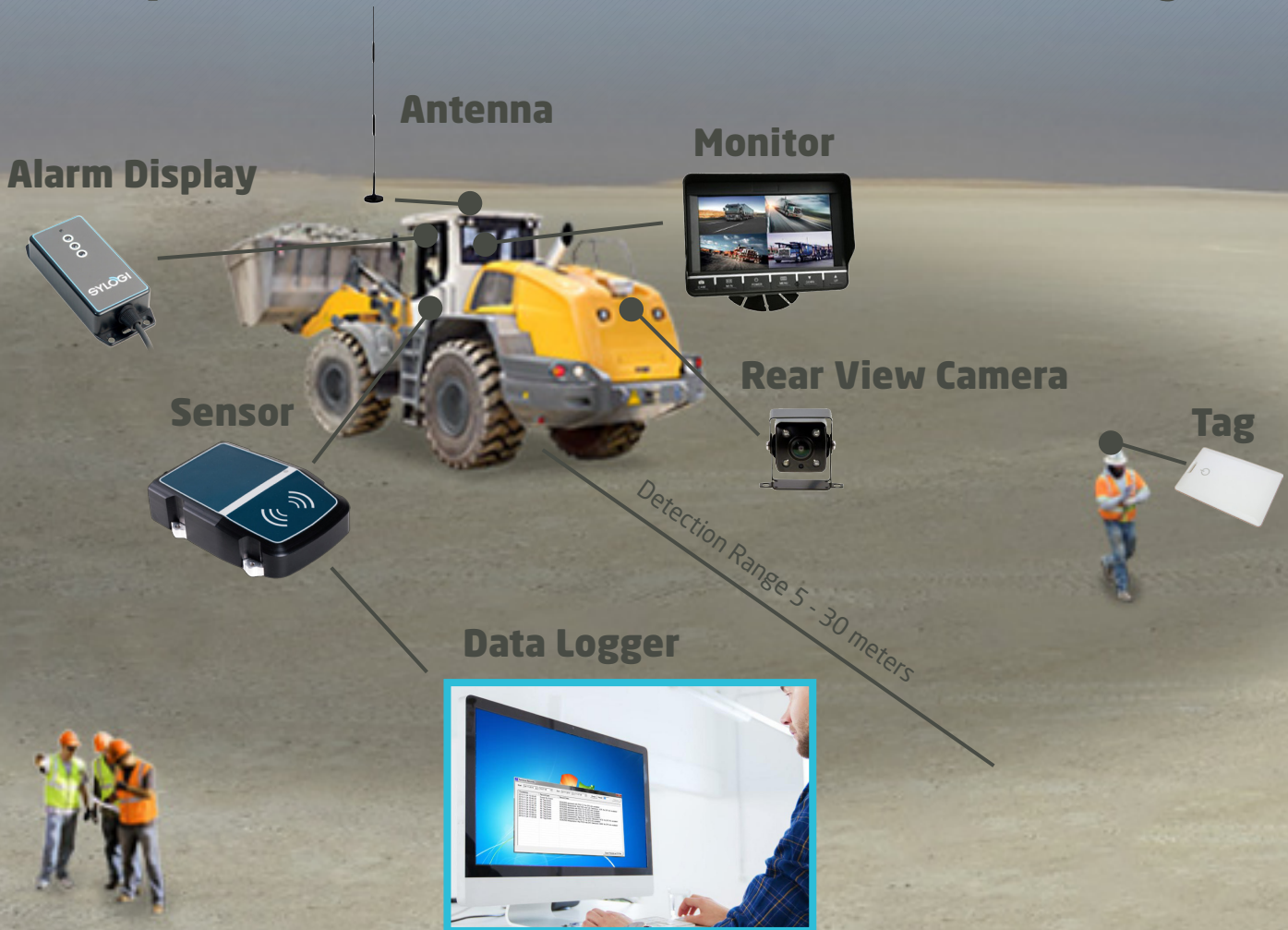
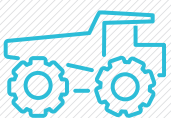


Tag Based Proximity Warning & Alert System with Multiple / Rear View Closed Circuit Camera System



- ✓ Detects people or vehicles in a pre-defined hazard zone
- ✓ Warns equipment operator using audible and visual signals
- ✓ Records events with a data logger
- ✓ Ability to automatically decrease the speed of equipment upon detection of tag (optional)
- ✓ Saudi Aramco approved

Sylogi Shield is suitable for various vehicles, including, but not limited to:



Dump Truck



Excavator



Wheel Loader



Forklift Truck



Tele Handler



Skid-Steer Loader



Sensor

Specifications

Frequency	2.4 GHz
Usable Field Strength Range	Values from approx. 28 to 130 should be set up, typical detection ranges are from 5 to 50 meters (depending on infrastructure and settings)
Detection Range	Approx. 5 - 50 meters
Outputs	3 x Relay-contacts, normally open, max. load 60 Volt, 0,5 Amps
Inputs	2 x inputs, configurable for ground or positive voltage levels
Antenna	SMA-female coaxial-connector (50 Ohm), external antenna
Power Supply	10 - 60 VDC, reverse polarity protected
Housing	PVC + Aluminium
Protection Class	IP68
Operating Temperature	-30°C to 85°C
Humidity	5 - 95% (no condense)
Vibration	In accordance with IEC 60068-2
Dimensions	155 x 110 x 40 mm
PC Connection	USB (Bluetooth optional)
CAN-bus	With connector M8/4 pins, over voltage protected up to 30 volts
USB Interface	With connector M12/5 pins
Bluetooth Interface	Internal antenna, typical range 10 meters
Certificate of origin	The Netherlands

Optional Extensions

GPS Interface	Internal GPS receiver, 48 channels, -160dB sensitivity, for clock synchronization, location and speed information, SMA-female connector for external active GPS antenna
Record Storage	Internal flash memory, capacity 16380 records, can be read out via USB, battery backup real time clock

Tag

Specifications

Frequency	2.4 GHz
Usable Field Strength Range	Typical detection ranges are from 5 to 30 meters (depending on infrastructure and Sensor settings)
Antenna	Internal matched antenna
Power Supply	Internal battery
Lifetime	1 to 2 years



Alarm Display

Specifications

No. of LED's	3 LED's (green, yellow, red)
Buzzer	Adjustable (max. 85 dB)
Protection Class	IP54 (IP66 optional)
Dimensions	125 x 50 x 25 mm





Monitor

SYLOGI
EASY SERIES

Specifications

Screen size	7 inch Quad split screen
No. of camera inputs	4
Voltage range	9 - 36 V DC
Aspect ratio	16:9
Power consumption	5 W
Dimensions	261 (L) x 177 (W) x 70 (D) mm
Color system	NTSC / PAL (selectable)
Operating temperature	-30° to +70° C



Rear View Camera

SYLOGI
EASY SERIES

Specifications

IP-rating	IP69K
Image sensor	1/3" Color CMOS
Picture quality	700 TV Lines
Overall viewing angle	170°
Minimum illumination	0 Lux (with LED's on)
Operating temperature	-30° to +70° C



Camera Cable

SYLOGI
EASY SERIES

Available lengths

TC10	10 meter
TC15	15 meter
TC20	20 meter