



The Ring Camera provides a live 360 deg image, by stitching 8 full HD camera images together into a single HD-SDI output. Video stitching is carried out by a dedicated FPGA and requires no moving parts. Stand alone or integrated into a PTZ system the ring camera provides useful 360 deg local situational awareness for both military and policing activities.

Features include:

The ring cameras 8 HD sensor have excellent low light performance, automatically switching out their IR shutter, when levels drop below a programmable threshold. This makes the ring camera ideal for use with an optional IR illuminator system.

In daylight, detection range via the ring camera is typically 150m around a full 360 deg field of view with a comparable low light level performance.

The Ring Camera operates from a 28v vehicle supply. Power, video and communications are all output via one LEMO military type connector.

The ring camera has a central bore, making it ideal for mounting to a mast, using its current interchangeable mechanical interface. This also allows it to be easily positioned below new or existing systems, without the need for additional slings.

Currently, interfaces allow connection to the ISTECE ICE LA1301 13.3" HD Touchscreen Display and a Day/NI fused PTZ. This 3-part system provides live 360 deg wide FOV, full HD Day/NI narrow FOV threat detection and intuitive touchscreen interface.

Technical Specification:

Input Voltage Range	11-33V DC (MIL-STD-1275 / DEFSTAN-61-05)
Power Consumption	15W
Native Resolution	1920 x 1080p
Video Outputs	1 x HD-SDI
Field Of View	360° horizontal - 50° vertical
Dimensions	173mm x 173mm x 72mm
Operating Temp	+60 deg C to -40 deg C
Communications	RS232, RS422 or RS485
Weight	< 2.0 Kg