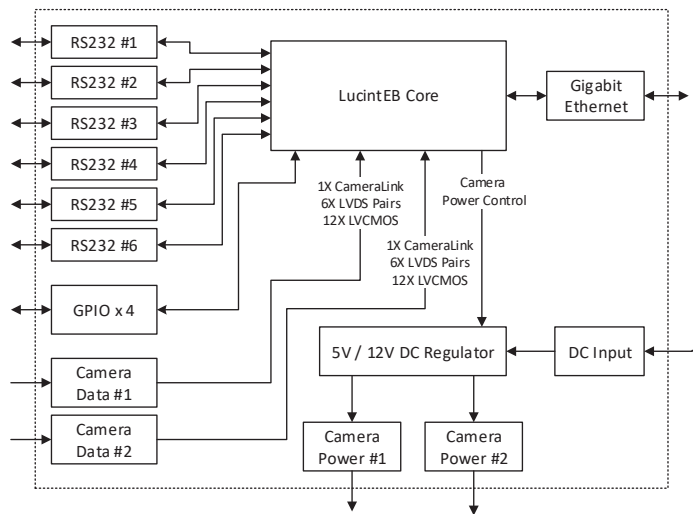
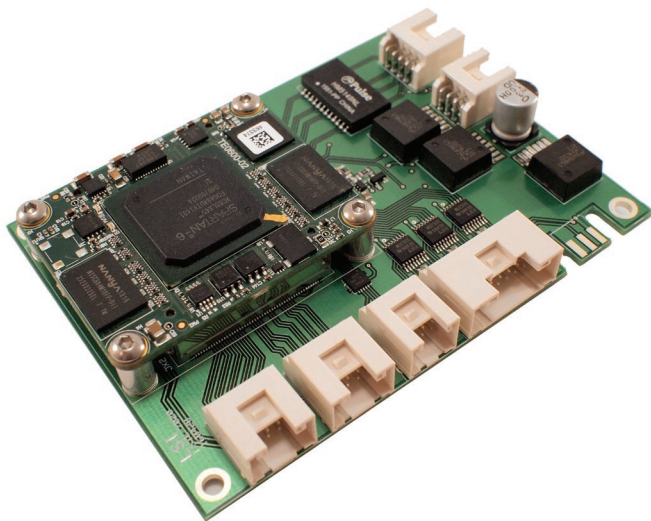


Specifically designed for airborne imaging and photogrammetry, the Lucint EB (Ethernet Board) simplifies system integration and cabling between cameras and collection hardware. The EB reduces system payload size, weight, and power, and cost (SWaP-C) by eliminating CameraLink frame grabbers, external camera power supplies, and additional interface equipment.

The Lucint EB drives and synchronizes two Sierra Olympic Tamarisk/Viento 320, 640, the FLIR Tau, Tau 2, Neutrino and other thermal and visible camera cores via standard Gigabit Ethernet interface. The Lucint EB provides regulated camera power, precise GPS-based timestamps, collects full bit depth at full frame.

The C++ and .NET based software development kit (SDK), included with each board, eases Lucint EB integration into nearly any system. Contact us for custom firmware enhancements for specific system requirements.

LUCINT EB



LUCINT EB Specifications

Camera Interfaces	LVCMOS, LVDS, CameraLink
CameraLink	2 Base / 1 Medium up to 800 Mbps
Data Output	1 Gigabit Ethernet
Serial Transceivers	6 Full RS232, up to 1 Mbps per port
GPIO	4 GPIO lines, 3.3V or 5V
Power Output	2 DC regulated outputs, 10W max each, 5V (min supply 9VDC) or 12V (min supply 13VDC)

GPS/Timing Protocols	NMEA, PPS, IRIG-B DCLS
Supply Voltage	12VDC (9VDC - 32VDC)
Power Consumption	3W (excluding cameras)
Dimensions	9.5 cm x 7 cm x 1.8 cm (3.74 in x 2.76 in x 0.71 in)
Weight	64 grams (2.3oz)
Environmental	-40C to 70C (-22F to 158F)

