

LOCKHEED MARTIN



DIGITAL IP VIDEO DATA LINK

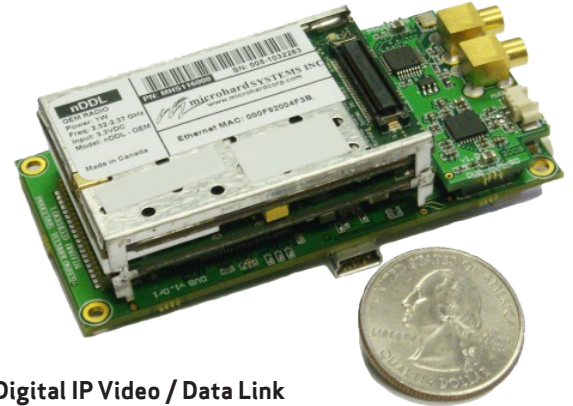
Small, Lightweight, Digital IP Data Link
for Unmanned Aerial Systems

Lockheed Martin Procerus Technologies IP Data Link

The Lockheed Martin Procerus Digital IP Video / Data Link provides high-speed, low-latency C2 and high-quality HD digital video in a single compact package. The Microhard Nano Digital Data Link radio, combined with the LM Procerus Digital Video Board, provides a compact, high-bandwidth, full-featured digital data link solution. The IP-based Procerus Digital Link is easy to integrate into existing network infrastructures, and also features serial-IP bridging, allowing plug-and-play integration with legacy systems. In addition, AES-256 encryption provides advanced data security.

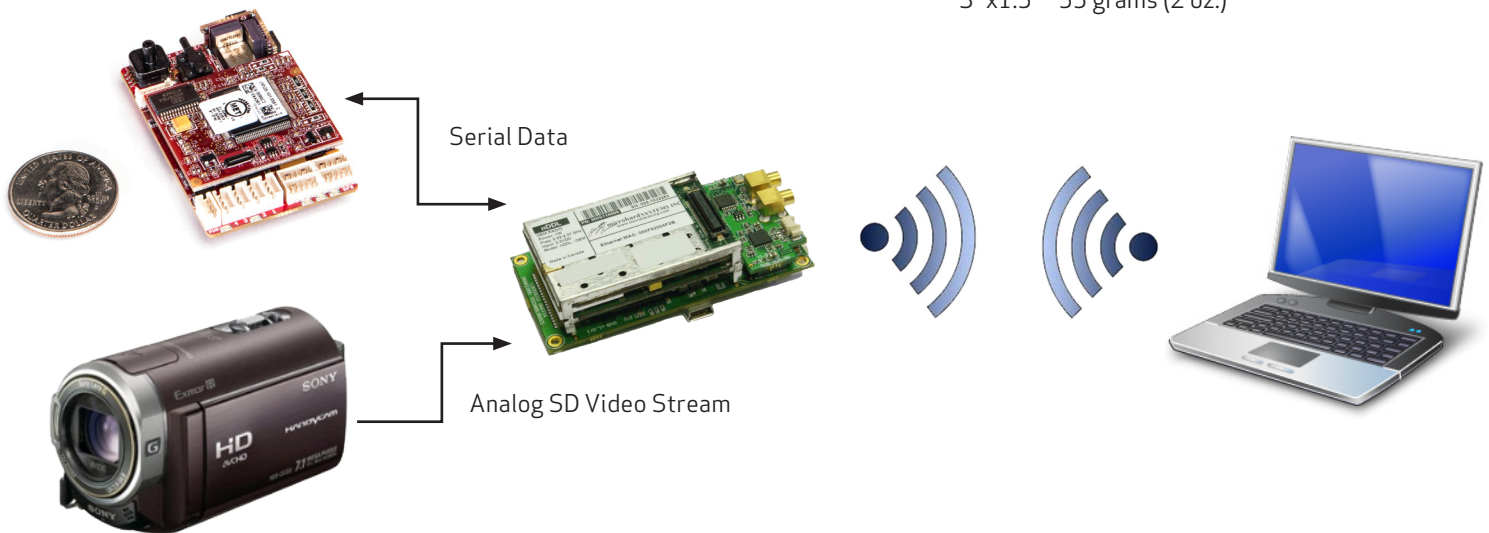
Features:

- Supports standard definition (SD) and high definition (HD) video inputs
- IP-based w/ built in serial-IP bridging for easy integration
- Minimal size, weight and power footprint
- High-speed bi-directional data link, up to 12 Mbit/s
- Store synchronized video and data onboard with SD card
- Adjustable bit-rate high quality h.264 compression
- Dual NTSC (muxed) or single HDMI input
- High fidelity, two channel (stereo) audio line in Simple Web interface for setup and configuration



Digital IP Video / Data Link

Lockheed Martin Procerus video digitizer
coupled with Microhard Nano IP Radio
3" x 1.5" 55 grams (2 oz.)



Specifications:

Input Voltage	7.7 - 30 V (regulated)	Weight	55 Grams
Power Consumption	2 Watts (Digital Video Board)	Size	3" x 1.5"
Analog Video Inputs	2 (one active)	Audio Input	Mini stereo jack
Removable Media	1 microSD slot (up to 32 GB of storage)	USB	Mini-USB connector for accessing Microhard modem USB Port
Serial Ports	2 directly connected to Microhard modem serial ports, 1 connected to video board diagnostic port	Control Interface	

Lockheed Martin Procerus Technologies

500 South Geneva Road
Vineyard, UT 84058
801-224-5713
www.lockheedmartin.com/unmanned

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PIRA# OWG201307005