



Cam2Net-Base

Camera Link to Gigabit Ethernet Adapter



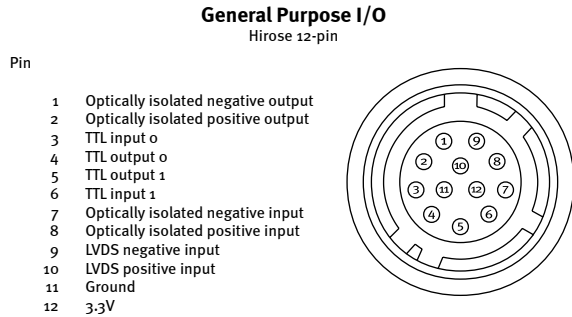
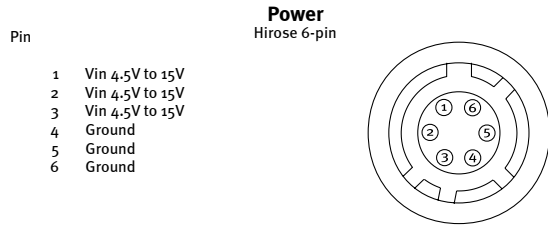
- ***Works with all JAI and PULNiX Camera Link cameras (base configuration)***
- ***Fully compatible with Gigabit Ethernet***
- ***High speed point-to-point connection, up to 1Gbps***
- ***Less than 1% CPU usage***
- ***Simple and cost effective multi camera configurations***
- ***100 meter cable distance without additional hubs/switches***
- ***Transmits over standard Cat-5e copper cables***
- ***16 MB frame buffer for zero packet loss***
- ***Small and light weight***
- ***General purpose input/outputs for local control/trigger***
- ***Camera configuration via Camera Link serial control***
- ***Requires GigE interface on host motherboard or GigE interface card***
- ***Extensive software developer's kit (SDK)***

The leading manufacturer of high performance camera solutions

Specifications for Cam2Net

Specifications	Cam2Net
Camera interface	Camera Link
Ethernet interface	1000base-T / Gigabit Ethernet
Link distance	100 m point-to-point. Can be extended with standard GigE switches
Video acquisition	Up to 66 MHz
Data transfer rate	Up to 1 Gbps
Typical CPU usage for data streaming	Typically 1% With recommended PC configuration: Processor: Athlon XP 2100+ or 2.1 GHz P4 Memory: DDR-RAM PC2700 Motherboard: ASUS A7V8X or equivalent VGA card: ASUS V9180 Gforce 4 Network card: Intel PRO/1000 MT
Interfacing to image processing applications	Software development kit (SDK) included
Video memory	16MB
Protocol engine	Hardware based. No embedded OS or software
Inputs	2 TTL 1 LVDS 1 Optically isolated
Outputs	2 TTL 1 Optically isolated
LED indicators	Power Camera status Network availability
Regulatory	CE and FCC
Power	4.5V to 16V DC. 4.5 W
Operating temperature	0°C to +45°C
Dimensions	95(L) x 97(W) x 37(D) mm
Weight	180g

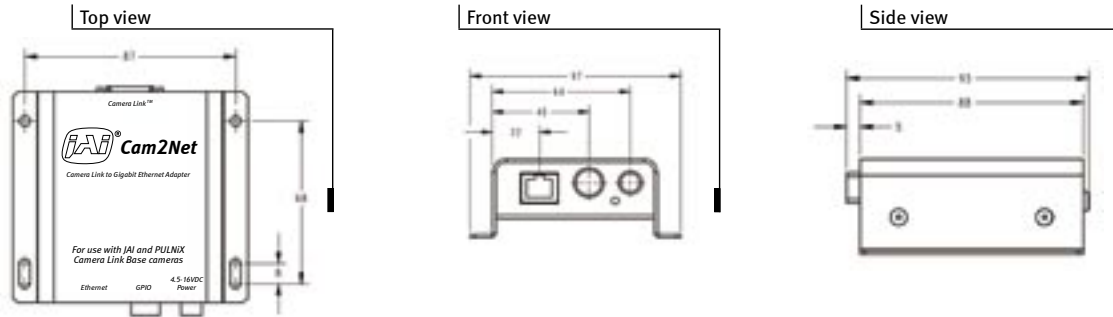
Connection Description



Camera
MDR-26
Pin-out in accordance to Camera Link

Network
RJ-45
Pin-out in accordance to 1000-Tbase

Dimensions



Ordering Information

Cam2Net - Base Camera Link (Base configuration) to Gigabit Ethernet adapter



THE MECHADEMIC COMPANY