

GIP-1000

Gigabit-Ethernet Adapter for VDS cameras



Features

- Gigabit Ethernet converter module for nearly all VDS digital cameras
- Converts 8-12bit LVDS image data to Gigabit Ethernet (1000Base-T)
- Serial interface via Gigabit Ethernet
- GigE compatible
- Allows cable lengths up to 100m (expandable with switches)
- Based on the proved adapter of Pleora Technologies®

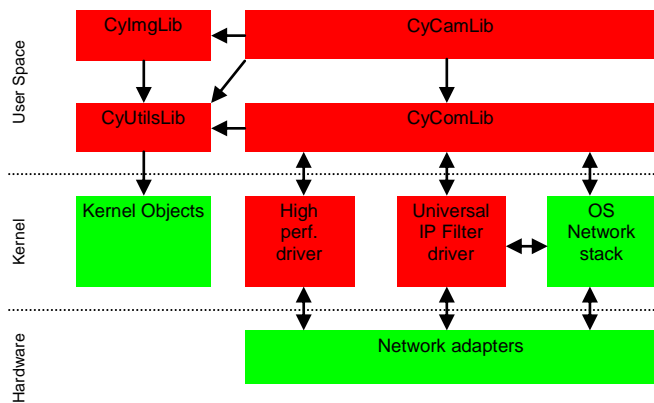
With the **GIP-1000** interface Allied Vision Technologies GmbH introduces a Gigabit Ethernet interface which is fully compatible to nearly all VDS Vosskühler digital cameras. The module can easily plugged onto the camera.

Based on the successful Pleora iPORT module the converter grabs the video data from the digital camera, converts it to IP and sends it to PCs over Gigabit Ethernet links or LANs using a CAT-5 cable.

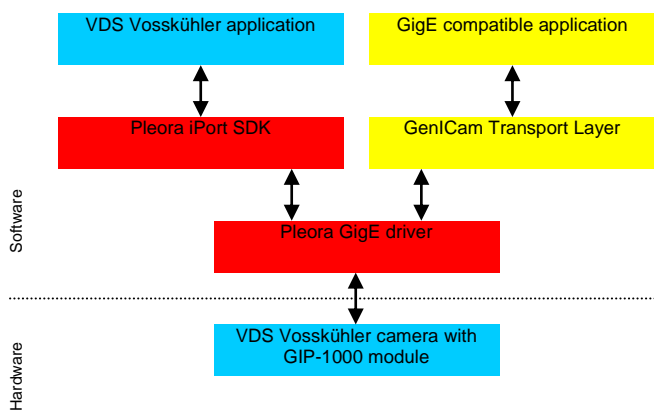
At the PC, the CAT-5 cable plugs into a standard Gigabit Ethernet network card, eliminating the need for an expensive frame grabber. The proven Ethernet connection allows point-to-point connections up to 100m. With low cost Gigabit Ethernet switches the maximum distance between the camera and the PC can be extended very easily.

The **GIP-1000** module is fully compatible to existing VDS Vosskühler software applications.

Furthermore a software development kit (SDK) is available for easy integration of the camera into existing applications.



The **GIP-1000** module is fully GigE compatible which allows every **GigE** compatible software (like NI LabView with Vision Acquisition Software) to work with the camera.



Technical Data

- Universal use for nearly all VDS cameras
- Pixelclock up to 40 MHz (depending on each camera type)
- Gigabit Ethernet Output (1000Base-T)
- GigE compatible
- Serial interface via GigE or RS232 (COM)
- Power supply: + 12V (SELV), max. 300 mA (not including camera)
- Dimensions (mm): 71 x 90 x 32
- Ambient air temperature: 0° - 35°C
- CE standard
- Made in Germany

Power and Control Input (15-pin D-SUB Jack)

Pin	Function
1	+12V DC +5%
2	
3	GND
4	
5	
6	
7	Reserved
8	Reserved
9	see camera manual
10	see camera manual (Software dependent)
11	see camera manual
12	see camera manual
13	see camera manual
14	see camera manual
15	see camera manual

Mechanical Dimensions:

