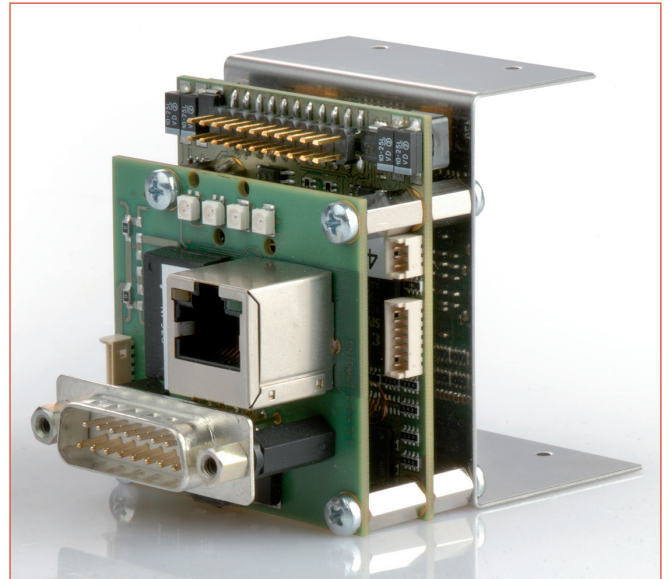


► FCB-HD GigE Interface board

The STEMMER IMAGING CVA FGI-HD/PoE is a GigE Vision compliant interface board for easier integration into customer applications. It is compatible with the latest Sony FCB-H11 and FCB-EH6300 series OEM camera modules with integrated zoom lens and motorized iris. The CVA FGI-HD/PoE board provides digital, uncompressed image data directly to a PC or network. Full control of the feature rich FCB camera modules is achieved through the Gigabit Ethernet, GigE Vision and GenICam compliant interface.

The CVA FGI-HD/PoE enables users to take full advantage of the HD sensors employed within the cameras, utilizing the full GigE bandwidth. The module transfers either YUV data or Bayer data to control bandwidth utilization.

The board is supplied with the powerful, hardware-independent software development kit CVB CameraSuite, that allows the user easy and reliable connection to the camera. This sophisticated toolkit enables the user to take advantage of the unparalleled performance and reliability of GigE Vision technology.



► Technical highlights

- Compact 2-board solution without PoE
- 3-board version with Power over Ethernet (PoE)
- Physically compatible with Sony FCB-H11 and FCB-EH6300
- Multi-cast supported
- Trigger inputs
- I/Os
- Additional RS232 for peripheral device control
- Status LEDs
- GigE Vision compliant
- GenICam compliant
- Control via GenICam features
- Broad software support through use of imaging standards
- SFNC compliant if possible



STEMMER IMAGING is an active member of the GigE Vision and GenICam standards committees.

► Technical data

SPECIFICATIONS	
COMPATIBLE MODELS	FCB-H11, FCB-EH6300
INTERFACE	<ul style="list-style-type: none"> <li>■ Gigabit Ethernet</li> <li>■ GigE Vision v1.2 compliant</li> <li>■ GenICam v2.1 (SFNC) compliant</li> </ul>
OUTPUT FORMAT	YUV422, RGB, Bayer8
I/O	Trigger, Strobe out, GPIO
CONNECTORS	<ul style="list-style-type: none"> <li>■ RJ45 with traffic and link speed LEDs</li> <li>■ HD SubD 15 for power, RS232, GPIO, Strobe and Trigger</li> </ul>
POWER SUPPLY	12 - 24V DC or Power over Ethernet
DIMENSIONS	50 x 57 x 35 (41 with mounting plate) (W x H x D in mm)
OPERATING TEMPERATURE	5 - 60°C
SCOPE OF DELIVERY	CVB CameraSuite incl. sample applications