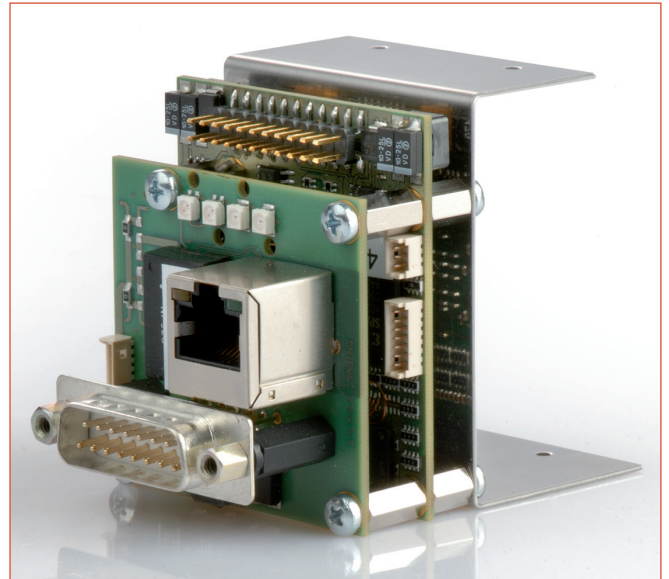


► FCB GigE Interface board

The STEMMER IMAGING CVA FGI is a GigE Vision compliant interface board for easier integration into customer applications. It is compatible with the latest Sony FCB-E series OEM camera modules with integrated zoom lens and motorized iris. The CVA FGI 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 enables users to take full advantage of the progressive scan sensors employed within the cameras, effectively doubling the effective resolution compared to previous interlaced versions of the cameras.

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 (3 boards for PoE version)
- Physically compatible with all FCB-E series cameras
- Power over Ethernet option (also for cameras)
- 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-EX1020/P, FCB-EX995E/P, FCB-490E/P
CONNECTIVITY	<ul style="list-style-type: none"> ■ RJ45 with traffic and link speed LEDs ■ HD SubD 15 for power, RS232, GPIO, Strobe and Trigger
INTERFACE	<ul style="list-style-type: none"> ■ Gigabit Ethernet ■ GigE Vision v1.2 compliant ■ GenICam v2.1 (SFNC) compliant
I/O	Trigger, Strobe out, GPIO
SOFTWARE SUPPLIED	CVB CameraSuite incl. sample applications
OPERATING TEMPERATURE	5 - 60°C
POWER SUPPLY	12 - 24V DC (PoE optional), 650mA (12V)
DIMENSIONS	50 x 57 x 35 (41 with mounting plate) (W x H x D in mm)