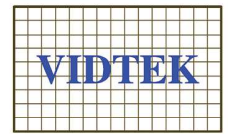# Vidtek Camera Series
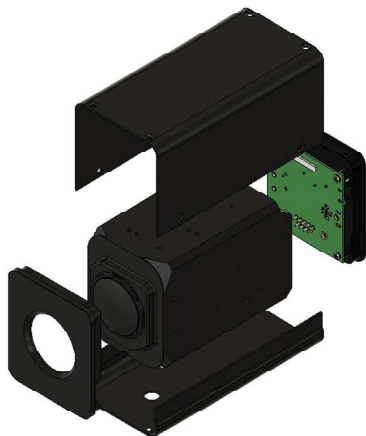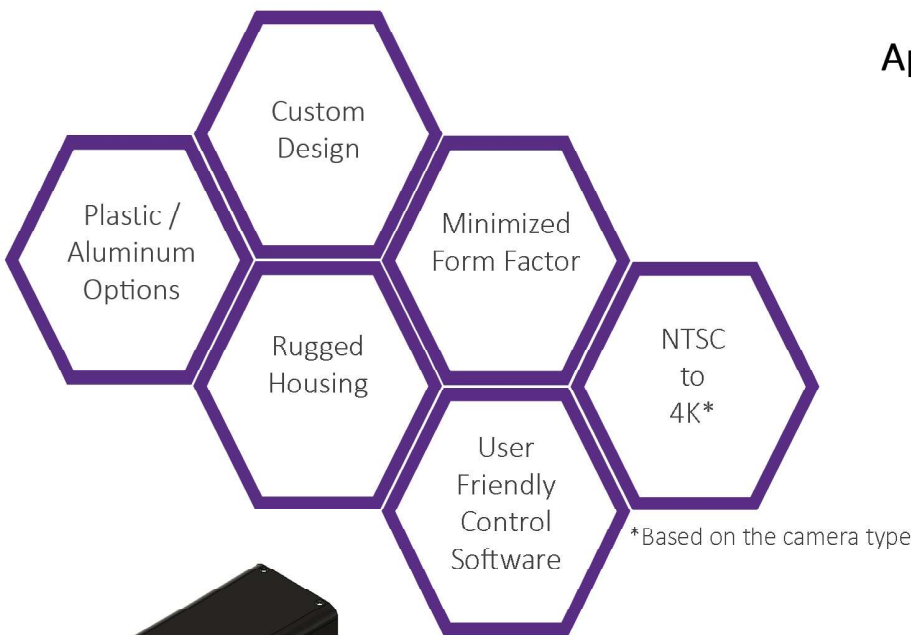## for SONY FCB Cameras and Vidtek Interface Boards

Vidtek camera systems provide complete imaging solutions by including a combination of Sony block cameras and Vidtek's interface boards in rugged aluminum or plastic housings. They offer a verity of video resolution from digital QFHD (4K) to NTSC analog output on HDMI, HD-SDI or BNC interfaces while upholding optimum video signal quality. The compact housing design is engineered to protect the camera in harsh environments and shields it against weather conditions to make it ideal for any indoor or outdoor application.

- Custom Design
- Plastic / Aluminum Options
- Minimized Form Factor
- Rugged Housing
- NTSC to 4K*
- User Friendly Control Software

*Based on the camera type

Applications:

- Medical Applications
- Industrial Vision
- Security
- Broadcasting
- Drone Camera
- Underwater Applications

Powered by:
Sony FCB Cameras
Vistek Interface Boards
Vidtek Control Software

The VISCA serial interface on Vidtek camera systems allows user to control camera using standard RS232C port. The state of the art and simple Vidtek's VSC software lets users to control camera easily and intuitively without need of learning camera commands.

Available in three types:

Models	6VTK-520HDSDI	7VTK-520A	8VTK-550-4K

Features	• FHD (1080P) HD-SDI and VBS analog video output on a BNC connector
	• Single cable connection to camera through Hirose
	• Video Outputs
	  o HD-SDI (SMPTE292M/259M)
	    - 1080p (30/29.97/25Hz)
	    - 1080i (60/59.94/50Hz)
	    - 720p (30/29.97/25Hz)
	  o VBS/NTSC Analog output
	• Fast, bright lens with rapid 30x optical zoom
	• image stabilizer
	• 2D/3D Noise Reduction
	• Auto ICR (Auto IR-cut Filter Removal)
	• Spherical privacy zone masking
		• VBS analog video output on a BNC connector
		• 4pin 9-12V Hirose power input
		• RS232C on DB9 connector
		• 50Hz or 60Hz VBS video output
		• Fast, bright lens with rapid 30x optical zoom
		• image stabilizer
		• 2D/3D Noise Reduction
		• Auto ICR (Auto IR-cut Filter Removal)
		• Spherical privacy zone masking
			• Up to QHD(4K) HDMI output
			• 4pin 9-12V Hirose power input
			• RS232C on DB9 connector
			• External Sync
			• Power and Sync LED indicators
			• Micro USB for camera firmware upgrade
			• HDMI cable gain control switch
			• Supported resolutions
			  o QFHD (3840 × 2160)
			    @ 29.97p and 25p
			  o FHD (1920 × 1080)
			    @ 59.94p, 50p, 59.94i, 50i, 29.97p and 25p,
			  o HD (1280 × 720)
			    @ 59.94p, 50p, 29.97p and 25p
			• Fast, bright lens with rapid 30x optical zoom
			• Image stabilizer
			• 2D/3D noise reduction
			• Auto ICR (Auto IR-cut Filter Removal)
			• Spherical privacy zone masking

Camera	Sony FCB-EV7520A	Sony FCB-EV7520A	Sony FCB-ER8300 Sony FCB-ER8530 Sony FCB ER8550
Interface Board	VTK-520-HDSDI*	VTK-520A1*	VTK-550-4K1*
Accessories	• CA-009 Evaluation Kit • PA-009 power supply • VFCB-SDI63L L-bracket mount	• +12V Hirose power supply • DB9 M/M cable • vBNC cable (3ft)	• +12V Hirose power supply • 4K HDMI cable (3ft) • DB9 M/M cable • BNC cable (3ft)
Software*	Vidtek Control Software	Vidtek Control Software	Vidtek Control Software

* For more information and complete technical data please refer to the products brochure

Back panels and mounting brackets for Vidtek interface boards are available upon request.

For evaluation or any other inquiry, please contact Vidtek at: *info@vidtek.com*