

Full HD 1920x1080 in a Compact Form

Introducing three new block camera assemblies

AEG-6300-SDI (HDSDI)

&

AEG-6300-GE (GigE)

&

AEG-6300-HDMI (HDMI)*

**HDMI Model Coming Soon*

Incorporating Sony's latest FCB-EH6300 1080p block camera, our new complete camera assemblies offer a perfect solution for applications requiring a ruggedized housing with flexible configurations for indoor and outdoor environments.

Ideally suited for Surveillance, Low Vision, Broadcasting, Medical, Law Enforcement, EOD Tactical Robotic, POV, UAV, Machine Vision and many more.

Key Features Include:

- 1/2.8-type Exmor CMOS sensor
- 20X Optical Zoom (f=4.7mm (wide) to 94.0mm (tele))
- HDSDI or NTSC Output (Optional HDMI, HD Component and GigE also available)
- 1.7 Lux
- Day/Night Mode
- Auto White D mode
- E-Flip
- Mirror Image
- 1/4-20 Standard Mounting Bracket



OPTIONAL

ACCESSORIES:

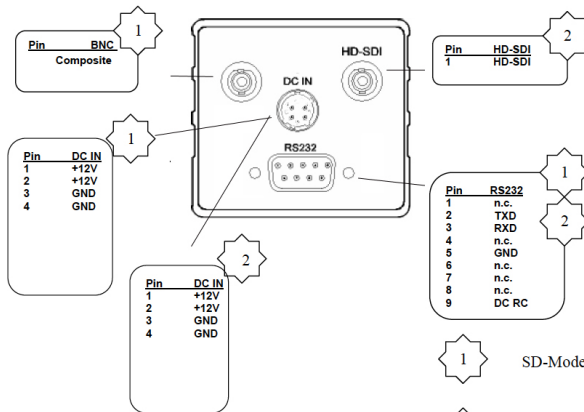
- 12V DC Power Supply for HDSDI (ACY415A)
- 12V DC Power Supply for GigE (PD12P)
- Push Button Controller - (HDSDI only)
- BNC Cables (2m, 5m, 10m)
- RS232 Cables (2m, 5m, 10m, 15m)
- Video Cables
- HDSDI Cables
- Gigbit Ethernet Cables

	HD	SD
Image sensor	1/3-type CMOS	
Number of total pixels	2M pixels	
Lens	20x optical zoom, F1.6 to F3.5 - f = 4.7mm to 94.0mm	
Digital zoom	12x (240x with optical zoom)	
Minimum working distance	10 mm (wide end) to 800 mm (tele end)	
S/N Ratio	More than 50 dB	
Electronic shutter	½ to 1/10,000s	
ICR	on / off / auto	
Minimum illumination	1.7 lx (typical) (F1.6, 50 IRE)	
Minimum illumination ICR	0.095 lx (typical) (F1.6, 50 IRE) HS-Mode	
White Balance	Auto, ATW, Indoor, Outdoor, One-push, Manual, Sodium Vapor Lamp Fix/Auto	
Gain control	Auto / Manual (-3 to 28 dB, 2dB 16 steps)	
Exposure control	Auto, Manual, Shutter Priority, Iris Priority, Bright, EV comp, Slow AE	
Focusing system	Full Auto (Normal AF/Interval AF/Zoom Trigger AF), One-push Trigger, Manual, Infinity	
Signal system	1080p/29.97 1080p/25	720p/59.94 720p/50 720p/29.97 720p/25
	1080i/59.94 1080i/50	
	One mode out of 12 modes can be selected	
Video output	HD-SDI (Options: Y/Pb/Pr, HDMI, GigE)	VBS:1.0 Vp-p (Sync Negative)
Sync system	Internal	
Camera control interface	RS232 signal level	
Storage temperature	-40 °C to 85 °C	
Operating temperature	-5 °C to 60 °C	
Power consumption	12.0 V DC / 5.0W	
Mass		
Dimensions (W x H x D)	HDSDI: 4.60" x 2.75" x 2.75" / GIGE: 6.25" x 3.00" x 3.00"	
Accessories (Included)	1/4-20 standard mounting bracket	

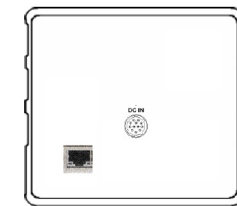
*All specification information is preliminary and subject to change without notice

Camera Pin Out

HDSDI



GIGE



Pin	Name	Function	Type	Line
1	RET	RET	Power Return	n/a
2	+12V	PWR	Power Input	n/a
3	GPIO_IN3	TTL_IN3	GPIO Input	Line 3
4	GPIO_OUT2	TTL_OUT2	GPIO Output	Line 6
5	GND	Ground	Ground	n/a
6	GPIO_IN2	TTL_IN2	GPIO Input	Line 2
7	GPIO_OUT1	TTL_OUT1	GPIO Output	Line 5
8	GPIO_IN1	TTL_IN1	GPIO Input	Line 1
9	GPIO_OUT0	TTL_OUT0	GPIO Output	Line 4
10	GPIO_IN0	TTL_IN0	GPIO Input	Line 0
11	RS232_TX	RS232	Output	n/a
12	RS232_RX	RS232	Input	n/a

For more information on any of our products or services please visit us on the Web at:

www.aegiselect.com