



Features

- High Definition Mega Pixels HD-SDI Camera
- 1/3" Progressive scan CMOS Sensor
- Max. 1920(H) x 1080(V) Full HD 2.0 Mega Pixels
- TDN(ICR), DSS, OSD
- Excellent low light sensitivity 0.01Lux (DSS On)
- WDR, 3D-DNR, BLC, Digital Zoom (Max. 20x)
- Motion Detection, Privacy Zone, Mirror Function
- Full HD 1080P real time with coaxial cable
- Non Compression digital streaming up to 1.5Gbps
- 1CH CVBS output support
- RS-485 (Pelco-D) Protocol
- 24VAC/12VDC Dual Voltage

High quality Mega pixels image

BB1-B4F provides high definition image up to 2 Mega pixels Full HD via HD-SDI interface with conventional coaxial connection. It supports up to 1920x1080(1080P) Full HD resolution which is HDTV standards.



Digital Zoom image



16:9 Full HD 2M pixels

Progressive scanning & High Performance Low light sensitivity

BB1-B4F's progressive scanning provided much clearer monitoring image with flicker-free Noiseless and CNB proprietary DSP technology up to 0.01Lux even CMOS Image sensor.



Progressive scanning

Interlaced scanning



Conventional

BB1-B4F

Specifications

BB1-B4F/BB1-B5F		Specifications
Camera	Signal System	Progressive image processing
	Scanning System	16:9 Progressive
	Image Sensor	1/3" Progressive CMOS Sensor
	Sync. System	Internal
	Effective Pixels	1920 (H) x 1080 (V) 2 Mega
	Horizontal Resolution	1,100TVL(16:9 Chart/1920 x 1080)
	Video Output Level	Digital output HD-SDI Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
	Lens Mount	CS Mount Mega-pixels Lens, DC Iris (Recommend Lens), Manual Iris
	Day & Night System	ICR(AGC Type)
	Min. Illumination	0.01Lux (DSS On, B/W), (F1.2, 30IRE)
	Back Light Compensation	On/Off
	Flickerless	On/Off
	White Balance	ATW(1,800 K ~10,500 K) MANUAL / PUSH
	Exposure	Auto/Manual
	Functions	B/W, Privacy Mask, Image Mirror, 3D-DNR
	Electronic Shutter Speed	NTSC : 1/2 ~ 1/48000 PAL : 1/2 ~ 1/50000
SDI	HD Format	1920 x 1080P @25, 30 / YCbCr 4:2:2 16bit 74.25MHz
	SDI Output	SMPTE 292M (1.485Gbps) : 1920X1080 @25, 30 800mVp-p, 75Ω, unbalanced generator (single-ended)
CVBS	NTSC/PAL	1CH Video BNC Out, Analog Composite(1V±0.2Vp-p)
Control Interface	RS-485	PELCO-D (2400~38400bps)
Mechanical	Dimensions	71 (W) x 65 (H) x 143.9(D)mm
	Operating Temperature	-10°C ~ 50 °C
	Power	24VAC or 12VDC Dual Voltage / Max. 7W

Dimensions

