

# HD-SDI Camera

## 2.1M Box Camera SABX-500 Series

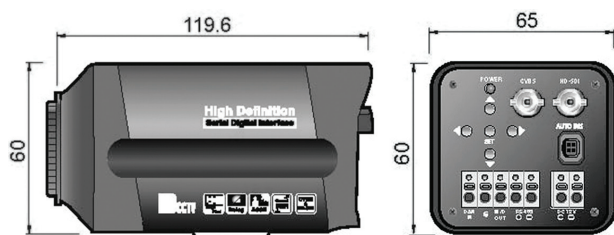


### Camera Specification

Item	Specification
Imaging Sensor	1/3" 2.1M Panasonic Megapixel CMOS
Scanning System	Progressive Scan
Number of active pixels	2.1M : 1944(H) X 1092(V) = 2,122,848(pixel)
Total number of pixels	2.2M : 2010(H) X 1108(V) = 2,227,080(pixel)
S/N Ratio	More than 50 dB
Video Output Mode	1080P(1944x1080) 25/30, 720P(1280 X 720) 50P/60P
Video Output Level	HD-SDI / 1.0 Vp-p (75Ω, Composite) NTSC/PAL(Selectable)
Min. Illumination	0.5Lux(Color) , 0.1Lux(BW) , 0.02Lux(Sens-up x30)
O.S.D	Built-in
Electronic Shutter Speed	Auto / Flk(NTSC : 1/60sec ~ 1/50,000sec, PAL : 1/50sec ~ 1/50,000sec)
White Balance	AWB / AWC-SET / MANUAL / INDOOR / OUTDOOR
Backlight Compensation	BLC / HSBLC / Off
Digital WDR	Low / Middle / High / Off
AGC	Low / Middle / High
Adjust	SHARPNESS / MONITOR / LSC / NTSC/PAL
Language	English (Selectable)
Day & Night	Auto / B.W / Color / EXT (Selectable)
2D/3D-NR	2DNR / 3DNR / SMART NR
Digital Zoom / PIP	On / Off(x2 ~ x62)
Privacy Masking	On / Off (8 Zone Selectable)
Motion Detection	On / Off (3 Zone Selectable)
Defect	LIVE DPC / STATIC DPC
Sens-up(Frame Integration)	On / Off (Selectable limit ~ x30)
D - EFFECT	Freeze / Mirror / D-Zoom / NEG.IMAGE
Protocol (OPTION)	Pelco - D & Pelco - C
Communication	RS - 485 [ Baud Rate : 2400 ~ 57600 ]

### Dimension

Unit : mm



### Camera Feature

- 1/3" Panasonic 2.1M Progressive Scan CMOS Sensor
- 1944 x 1092 @ 30fps, 1280 x 1024 @ 60fps
- Video out(BNC) with NTSC / PAL Selectable
- Digital WDR
- Dual Output-Megapixel HD CCTV(BNC) and SD CCTV(BNC) out
- Defog(Visibility Enhancement on the low contrast scene)
- Digital zoom with PIP(x64)
- Sens Up(x60)
- Flicker Suppression
- 2D & 3D Noise Reduction(DNR)
- Dead Pixel Compensation(DPC)
- 2 Auto(AE/AWB) Control
- HLC/BLC Support(High Light / Back Light compensation)

### Structure Feature

- C/CS Mount Lens
- Next NVP-2400 DSP
- Semtech(Gennum) GV-7600 Transmitter Chip
- Optional: ICR/TDN
- 12VDC or Dual

### Structure Specification

MECHANICAL	
Dimension	65mm x 60mm x 119.6mm
Weight	0.3kg
ENVIROMENTAL	
Construction	Die-Casting(Aluminum)
Ingress Protection	-
Operating Temp	-10 C ~ 50 C
Storage Temp	0 C ~ 50 C
Humidity	0% to 90%
FUNCTION	
Protocol	PELCO D
Baud Rate	9600
Communication	RS-485
ELECTRONICAL(Power Consumption)	
Supplied Voltage	DC12 ±10% or AC24 ±10%
Camera	150mA or 130mA
IR	-
Heater	-
Fan	-
CERTIFICATION	
CE, FCC, RoHS, KCE	Yes

### Model Selection

Model	Ref No.	Power	TDN
SABX-500D	SHD0201	12VDC	X
SABX-500D(T)	SHD0202	12VDC	O
SABX-500A	SHD0203	Dual	X
SABX-500A(T)	SHD0204	Dual	O

※ Lens sold separate