

HD-SDI Camera

2.1M & 1.3M Pixel HD-SDI Internal Dome Camera **SBPF-500, 505 Series**

Application : Surface & Wall & Ceiling Mount(Bracket : Sold Separately)



Camera Feature

- 1/3" Panasonic 2.1M & 1.3M Pixel Progressive Scan Color CMOS Sensor
- 1944 x 1092 @ 30fps, 1280 x 1024 @ 60fps
- Video out(BNC) with NTSC / PAL Selectable
- ACCE(Adaptive Color and Contrast Enhancement)
- 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

- 3.7mm Mega Pixel Fixed Lens(F = 1.6)
- 12pcs IR
- Wall & Ceiling Mount Bracket Support
- 12VDC Only

Camera Specification

CAMERA	
Imaging Sensor	1/3" 2.1M & 1.3M Megapixel COMS
Scanning System	Progressive Scan
Number of active pixels	1.3M : 1280(H) X 1024(V) = 1,310,720(pixel)
	2.1M : 1944(H) X 1092(V) = 2,122,848(pixel)
	1.3M : 1376(H) X 1070(V) = 1,472,320(pixel)
Total number of pixels	2.1M : 2010(H) X 1108(V) = 2,227,080(pixel)
	S/N Ratio
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
ACCE(Adaptive Color&Contrast Enhancement)	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

Structure Specification

MECHANICAL	
Dimension	120(D) X 120(W) X 75(H)
Weight	0.25kg
ENVIROMENTAL	
Construction	Plastic
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
IR	100mA
Heater	-
Fan	-
CERTIFICATION	
CE, FCC, RoHS, KCE	Yes

Model Selection

Model	Pixel	Power	TDN	IR
SBPF-500D	2.1M	12VDC	X	X
SBPF-500D12	2.1M	12VDC	X	12
SBPF-505D	1.3M	12VDC	X	X
SBPF-505D12	1.3M	12VDC	X	12

Dimension

