



SG22SD1 / SG22SD2 HD-SDI Cameras



The SG Digital SG22SD1 and SG22SD2 are true HD cameras supplying 1280x720 or 1920x1080 progressive scan images rivaling much higher priced professional grade cameras. With our many output choices, these cameras can be utilized as a very good tool for broadcast and motion picture professionals, or the ultimate in HD Closed Circuit Television systems.

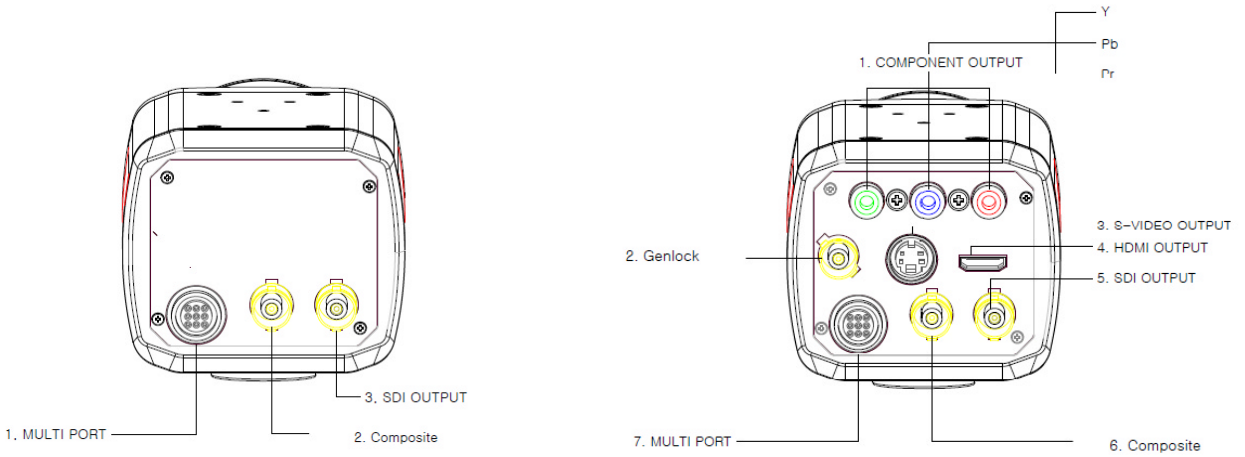
All of our HD cameras feature HD-SDI outputs allowing seamless integration with today's SMPTE292 matrix switchers and devices.

The SG22SD line includes a built-in 10X zoom lens and auto focus to ensure all of the lens requirements are met right out of the box.

Utilizing our amazing HD-SDI transmission, the delays caused by buffering and packet loss is eliminated, and delivers a smooth 30 frames per second video image at 1920x1080.

SG Digital is an industry leader in merging HD-SDI products into the CCTV security industry through innovative technologies.

Image Sensor	1/2.5 model, primary color CMOS, 2.2M compatible	
Effective Picture Elements	Aspect 16:9 Approximately 2.07M pixels	
Min. Illumination	6 Lux (F1.8/ 50IRE/ TV=1/30sec, 1920x1080 movie)	
Video Output Resolution (Video Signal/ Output Resolution)	1920*1080 30p ⇒ 1920*1080 30p 1920*1080 30p ⇒ 1920*1080 60i 1280*720 30p ⇒ 1280*720 30p 1280*720 60p ⇒ 1280*720 60p	
Lens	1/3.6 model, f=4.5~45.0mm, F1.8~2.2	
Min. Object Distance	1cm(Wide end), 100cm(Tele end)	
Shutter Speed	1/5 ~ 1/4000 sec	
Genlock	-	Yes (*To Be Available)
Zoom	Optical 10x Auto Focus Zoom Lens	
Video Out	HD-SDI and Composite (⇒Output Simultaneously)	HD-SDI/ HDMI/ Composite (⇒Output Simultaneously) Component/ S-Video
Control	Remote Control/ RS-232	
Power Spec	12V DC ±2V/ 500mA	12V DC ±2V/ 720mA
Dimension	67.5 x 65.7 x 166.9(mm)	
Weight	440 ±10g	455 ±10g
Storage Temp	0 °C ~ 50 °C	

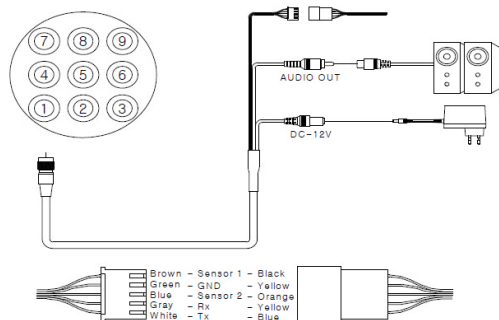


MENU	SUB MENU	VALUE	DESCRIPTION
Video Format	Composite	NTSC/ PAL (4:3, 16:9)	It depends on the nation's protocol.
	Resolution	1920x1080 30p/60i 1280x720 30p/60p	A variety of resolution
Picture Control	Brightness	0, 8, 16, 24, 32, ...~100	
	Sharpness	Low/ Middle/ High	
	Chroma	Cr(High/ Middle/ Low) Cb(High/ Middle/ Low)	
	Hue	Cr(-2, -1, 0, 1, 2) Cb(-2, -1, 0, 1, 2)	
Back Light		On/ Off	Back Light Compensation
Digital Effect		Normal / Sepia/ Negative/ Monochrome/ Solarization/ Pasteurization	
Scene		Mode Inactive/ Human/ Sprots/ Night/ Spot Light/ Beach/ Snow/ Fire Works/ Cinema	
Flickerless		ON(Auto), OFF, ON(50hz Fix), ON(60hz Fix)	Video Flash Compensation
White Balance	Function Setup	Auto/ Manual/ Day/ Cloudy/ Shade/ Flourescent W, N, D/ Tungsten	
	Manual Setup	X Value (0.25 ~ 0.54) Y Value (0.25 ~ 0.49)	
Noise Reduction		High/ Middle/ Low/ Off	Noise Reduction
Auto Slow Shutter		On/ Off	At low lux, Shutter Speed Down
Image Stabilizer		On/ Off	
Mirror	VMR(Vertical)	Off/ On	Vertical Mirror
	HMR(Horizontal)	Off/ On	Horizontal Mirror
Focus Mode		Auto/ Manual	Focus Manual/ Auto
OSD COLOR	TITLE, MENU, SUB MENU, SELECT 15COLOR		Title, Menu, Sub-Menu, Change Color
	Serial ID SETUP	1-255	Input ID
Exit		Save & Exit Setup Exit without Saving	



IR Remote for OSD setup

MULTI PORT



- MULTI-PORT
- 1) DC +12V Input
 - 2) GND
 - 3) N.C.
 - 4) RS-232C(TX)
 - 5) RS-232C(RX)
 - 6) GND
 - 7) N.C.
 - 8) N.C.
 - 9) GND