

20x DVI&SDI&USB HD Camera

Model:GVHD20-SDU



Features:

□1080P60 HD image

Built-in 1/2.8-inch HD CMOS sensor, with powerful image engine and imaging algorithm, provides up to 2.1 million high-definition image experience.

□The visual enjoyment of "quiet and far-reaching"

Wide dynamic range, high signal-to-noise ratio image effects, combined with the unique 2D/3D noise reduction algorithm, greatly reduce image noise, keep the picture clean and clear in low-light environments, and provide a "quiet and far-reaching" visual enjoyment.

□ HD lens, 20 times zoom range

High-definition, no chromatic aberration, no vignetting. 20x optical zoom, 12x digital zoom. Let the details of the remote image be presented in front of your eyes.

□High-speed and accurate PTZ positioning

Using a new type of stepping motor, the gimbal runs quietly and smoothly, positioning is accurate and fast, and the maximum horizontal speed can reach 200 degrees/second.

□HDMI&SDI&USB high-definition output video interface

HDMI&SDI&USB high-definition output interface, used with TV, computer and video software, it is more convenient during use.

□ Rich and complete external control

Support RS232, RS485 serial port control, compatible with various mainstream communication protocols, can realize comprehensive and flexible control of the camera.

□Convenient and flexible installation and use

Support a variety of installation methods (formal installation / ceiling / wall / hanging rod, etc.).

project		parameters
Sensor	Image sensor	SONY 1/2.8" Progressive CMOS
	Pixel size	2.8um x2.8um
	Scanning system	16:9 progressive scan
	Synchronization	within the system
	Effective pixels	1920(H) x 1080(V)
	Effective pixels	0.5Lux (day), 0.1Lux (night)
	Horizontal resolution	1100TVL
Optical	Lens	20x optical magnification, F=4.9~98mm, f=1.5~F3.0
	Zoom range	20x optical zoom 12x digital zoom
	Zoom speed	Wide~Tel:3.0S Tel~Wide:2.8S
	Focus	Near/Far, Auto/Manual/Semi-Auto (One-touch)
	Focusing range	10cm (wide angle), 1m (close angle)
	Field of View	59.7 degrees (wide angle), 3.4 degrees (near angle)
Function	Auto Iris	Auto/Manual
	Exposure	Auto/ShutterPriority/Aperture Priority/Brightness/Manual
	Electronic shutter	NTSC 1/30~1/10000, PAL: 1/25~1/10000
	White Balance	Auto(1, 800K~10, 000K)/One Touch/Indoor/Outdoor/Manual
	Day and night switching system	automatic/day/night/infrared synchronization
	Menu	Chinese and English menu
	Noise Reduction	2D&3D Noise Reduction
	Other functions	mirror, flip, electronic zoom, defogging, freeze, wide dynamic
Image output	HD-SDI	1920x1080p@60/50/30/25
	DVI (HDMI)	1920x1080i@60/50 1280x720p@60/50/30/25
	USB2.0	1920x1080、1280x720、640x480、320x240 MJPG /YUV
Communication method	UART RS232/RS485	SONY-VISCA protocol, , Pelco-D/P protocol, , 9600bps
Mechanical parameters	Working temperature	-10℃ ~ 50℃
	Power Adapter	+12VDC, Max 3.6W
	Product Dimensions	260 (L) x 170 (W) x 152 (H) mm
	Product weight	1.2kg

