

JAVS 1080i HD Camera for Courtroom Capture

Intelligent design with high definition image quality

JAVS 1080i HD camera offers higher resolutions and advanced frame rates while retaining a compact house for discrete use during operation. The JC-HD20 is a full HD (3G-SDI) Broadcast point of view camera delivering 2.5 megapixels of clear, crisp video at 720p, 1080i, and 1080p resolutions.

When paired with the appropriate lens, the JC-20HD can utilize existing mounting hardware to deliver 16:9 widescreen aspect ratio video to digital recorders and LED monitors without the need to stretch the video to fit the screen.

The JC-20HD offers automatic and manual controls for color temperature, wide dynamic range (WDR) backlight compensation, and highlight compensation to provide pristine video quality in the most demanding lighting situations.



For wider composition shots, JAVS recommends the JAV-VS-M2812-2 varifocal lens and for closer focal lengths the JAV-VS-M550-4.

FEATURES:

- Compact and unobtrusive
- Auto-tracking white balance
- Automatic and manual controls for color temperature
- High image quality with a small footprint
- Full-HD (3G-SDI) Broadcast point of view camera delivering 2.0 megapixel CMOS sensor of clear, crisp video at 720P, 1080i and 1080P resolutions
- The JC-20HD Digital Camera was specifically designed to work with the Centro HDX
- Highlight compensation to provide pristine video quality in the most demanding lighting situations



1080P @ 60FPS PROVIDES SHARP COLOR IMAGES

More than 6 times the video resolution as JAVS analog cameras. Wide-screen video format delivers industry standard 16:9 video in 720P or 1080P to deliver the best resolution.



AUTOMATIC IRIS AND GAIN CONTROLS

Adjusts automatically to only allow a specific amount of light to pass to the imaging sensor. This helps greatly with varying lighting conditions.



BACKLIGHT COMPENSATION

This feature enhances the automatic exposure control on the camera. This reduces exposure on bright spots or lights in the video to enhance the overall quality.

A custom-designed, easy-to-install HD compact video camera for your recording needs.

JAVS JC-20HD SPECIFICATIONS

Sensor	Image Sensor	1/2.8" 2.0 Megapixel CMOS
	Scanning System	16:9 Progressive
	Sync. System	Internal
	Total Resolution	1080P 1920x1080@60fps
	Sensitivity	0.1 Lux/f1.2(AGC on)
	S/N Ratio	More than 50db
	Electronic Shutter	Auto, FLK, 1/30~1/500000,X2~X30
Optics	Lens Type	C/CS Mount w/ DC-Auto Iris
Functions	Image Compensation	WDR (Wide Dynamic Range)/BLC (Back Light Compensation)/HLC (High Light Compensation)
	Exposure	Auto / Manual
	White Balance	Auto (3,000°K~8,000°K) / ATW (1,900°K~11,000°K) / Manual
	Day & Night System	AGC (Automatic Gain Control/ Automatic ICR Filter (auto/manual)
	OSD Control Functions	5-Axis Joystick Control Privacy Mask, Image Mirror, Digital 3D Noise Reduction, Motion Detection, Sharpness, DIS (Digital Image Stabilizer), Black and White
Video Outputs	HD-SDI (BNC)	920x1080p @ 60fps, 30fps 1280x720p @ 60fps, 30fps
	CVBS (BNC)	Composite-CVBS/ NTSC or PAL
Control Interface	Communication Method	RS-485
	Operation	8bits data, 1 stop bit, no parity, 2400~115200bps
General	Power Consumption	Maximum 3.2W
	Power Supply	DC 12V
	Operation Temperature	-10°C~+50°C/14°F~122°F
	Operation Humidity	RH 85% or less
	Dimensions	100.5mm x 71.6mm x 57.6mm/3.95in x 2.81in x 2.26in
	Weight (Net)	Approx. 160g