

PC-HD CAMERA SYSTEMS

Monitor Controller:



PC-HDVR7
Portable 7" Monitor
DVR Controller

Swapable Camera Heads:

PC-HD15

15mm diameter
38.5mm long
M12 lens mount
Lens locking ring



PC-HD17

17mm diameter
34mm long
M15.5 lens mount
Lens locking ring



PC-HD19

19mm diameter
36.5mm long
Toolless focus lens
LED Illumination
Waterproof up to full length of cable



PC-HD34

34mm x 34mm
36.5mm long
C/CS lens mount
1/4"-20 thread mount



Desktop Controllers:



- PC-HDVRCU** Camera Control Unit
- PC-HDVRPCU** Portable Camera Control Unit
- PC-HDVRCUI** Instant On Camera Control Unit
- PC-HDVRCUIL** Instant On Lights Camera Control Unit

PC-HD

CAMERA SYSTEM SPECIFICATIONS

Camera:	PC-HD15	PC-HD17	PC-HD19	PC-HD34
Image Sensor	1/4.4" CMOS		1/2.9" CMOS	
Total Pixels	2304 H x 1536 V		2001 H x 1121 V	
Active Pixels	2304 H x 1296 V		1936 H x 1097 V	
Pixel Size	2.2µm x 2.2µm		2.8µm x 2.8µm	
Sensing Area	5.07mm H x 3.38mm V		5.6mm H x 3.14mm V	
Synchronization	Internal			
Sensitivity	0.2 lux (30 IRE)/F1.2		.08 lux/F1.2	
Responsivity	2.0V/lux-sec		1.6V/lux-sec	
Scanning Mode	Progressive			
Shutter Type	ERS		ERS (GRR optional)	
Shutter Speed	Auto: 1/60 ~1/100,000 sec			
Back Light Compensation	Auto			
Dynamic Range	69.5 dB		85.5 dB	
Signal to Noise Ratio	39 dB			
Gain Control	Auto (switching)			
White Balance	Auto			
Operating Temperature	-20°C~70°C		-30°C~75°C	
Storage Temperature	-30°C~90°C		-40°C~80°C	
Cable Length	3m-15m [9.84'-49.21']			
LED Illumination	No	No	Yes	No
Lens Mount	M12	M15.5	Proprietary	C/CS Mount
Power Consumption	< 200mA		< 150mA	



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CAMERA SYSTEM SPECIFICATIONS

Controller:	PC-HDVR7	PC-HDVRCU	PC-HDVRPCU	PC-HDVRCUI	PC-HDVRCUIL
Video Resolution	1920x1080; 1280x720; 848x480				
Video Storage Format	AVI				
Frame Rate	Up to 60 fps				
Aspect Ratio	16:9				
Compression Format	H.264				
Image Resolution	5MP: 3200x1800; 3MP: 2592x1356; 2MP: 2048x1152				
Image Format	JPG/JPEG				
External SD card	MicroSD card 2-64GB	MicroSD card 8-128GB			
64GB Recording time	24-64 hours				
Phono Output	Analog Video				
HDMI Output	Digital Video (1920x1080; 1280x720; 848x480)				
Mini USB Output	Digital File Transfer				
Operating System	Windows & Mac OS				
Port	USB 2.0				
Illumination Control	Yes	Yes	No illumination	Instant On Lights	
Language	Multiple				
Voltage	DC: 7-24V USB DC: 5V				
AC Adapter	DC 12v 2A				
Current Consumption	<600mA				
Built-in Battery	Li-battery 5Ah	None	Li-battery 5Ah	None	
Battery Working Time	≈ 8 hours	N/A	≈ 8 hours	N/A	
Dimensions	118mm x 66mm x 17mm	132mm x 94mm x 40mm			
Weight	160g [.35lbs]	305g [.67lbs]	396g [.87lbs]	305g [.67lbs]	
Screen Size	108mm W x 64.8mm H	N/A			
Screen Brightness	400 cd/m ²	N/A			
Audio Frequency Range	20Hz-20KHz	N/A			
Audio Compression Format	AAC	N/A			
Built-in Speaker	1W	N/A			

