

# Full HD IP Plug and Play System



 **CREST**  
ELECTRONICS INC  
Video Security Since 1974

**1-888-50-CREST**  
[www.crestelectronics.com](http://www.crestelectronics.com)



# Full HD IP Plug and Play System



- A complete, integrated system for HD IP – featuring a full line of IP cameras including mini box, indoor and outdoor domes, and IR bullet style
- All of the cameras are unique to this system, assuring full integration and flawless performance – no more guesswork on camera compatibility
- Full 1080p real time HD in live, playback and record
- Built-in switch and PoE injector – simply plug in the cameras and turn on the monitor for a working system
- No routers to set up, no ports to forward, no addressing of the cameras – the NVR does it all for you!
- Available in 4 and 8 channel models with up to 4 TB internal storage
- Record up to 30 fps at 1080p per channel
- Same remote CMS software as the CDR-4500 analog DVR
- Smartphone support for both iPhone and Droid



Model Number	CHS-2004	CHS-2008
Channels	4	8
Video Compression	H.264	
Display Speed Live	120	240
Display Resolution	1080p	
Record Rate	Max 30 fps at 1080p, per channel	
Record Resolution	1080p, 720p, D1, CIF	
Video Output	HDMI	
Display Screens	1, 4	1, 4, 9
Motion Detection	Supported from IP Camera	
Audio	4 Channels Supported, 1 Line Out (RCA)	8 Channels Supported, 1 Line Out (RCA)
Alarm	4 Input (IP), 1 Relay Output	8 Input (IP), 1 Relay Output
HDD Capacity	2 HDD Internal	
External Storage	eSATA and NAS Supported	
USB Ports	2 Ports (Front Panel)	
PTZ Control	RS-485	
LAN Ports	4 (IP Camera, PoE), 1 (LAN), 1 (WAN)	8 (IP Camera, PoE), 1 (LAN), 1 (WAN)
Network Support Type	DHCP, DDNS, Static IP	
Network Transmission	Max 120 fps	Max 240 fps
Remote Software	CMS Support, Web Browser	
Mobile Software	iPhone, Droid, Blackberry	
Power	12vDC (Unit), 48vDC (PoE Injector)	

Specifications subject to change

Model Number	CHS-NCD-2003P	CHS-NMD-2003P	CHS-NCI-1300P	CHS-NCB-2003P	CHS-NMX-2003P	CHS-NCX-1300
Product Description	Enviro Vandal Dome	Mini Enviro Vandal Dome	Indoor Dome	IR Enviro Bullet Camera	Mini Auto Focus Box Camera	Mini Box Camera
Image Sensor	1/2.5 Progressive Scan CMOS					
Maximum Resolution	1080p		720p		1080p	720p
Minimum Illumination	1.0 Lux Color; 0.1 Lux B/W					
White Balance	ATW / Manual / Preset					
Electronic Zoom	3 - 30x (Using Client Software)					
Automatic Gain Control	Yes					
Backlight Compensation	Yes					
Iris	Motorized DC Iris					
Shutter Speed	Up to 1/2000 sec					
Slow Shutter	2x					
Lens	f 3.3 - 12mm F1.6, Auto Focus					CS Mount
Day / Night	Removable IR Cut Filter					
S/N Ratio	> 50 db					
Power Source	12vDC / PoE (IEEE 802.3af Compliant)					
Power Consumption	500ma 12vDC / 127ma 48vDC (PoE)					
Ambient Temperature	14 - 122° F					
Construction	Aluminum Diecast Body, Polycarbonate Dome		Plastic Body, Acrylic Dome		Aluminum Diecast Body	
Dimensions	5 3/4" Dia x 4 1/2" H (4" Lower Dome)	3 3/4" Dia x 2 3/4" H (2" Lower Dome)	5" Dia x 2 3/4" H (4" Lower Dome)	5 1/2" L x 2 7/8" Dia	3 1/8" L x 2 1/2" W x 2 3/8" H	
Weight	2.3 lbs.	1.1 lbs.	1.6 lbs.	2.5 lbs.	0.88 lb.	0.72 lb.
IR Array / Distance	NA			40 IR LEDs / 120 ft		NA
Network	10 base-T, 100 base-TX, RJ45					
Image Compression	H.264, MJPEG					
Protocol	IPv4/6, HTTP, SMTP, DNS, RTSP, RTP, DHCP					
Frame Rate	2.5 - 30 fps at 1080p					
Web Browser	IE 7.0 or above, Firefox, Chrome, Smartphone					
Micro SD Card	SDHC Compatible, Support up to 16GB					
Security	Password, HTTPS, IP Address Filtering					
Video Motion Detection	4 User Set ROI, 10 Step Sensitivity					
Alarm Trigger	VMD, External Alarm Input					
Alarm Event	E-mail, FTP Transfer, Video Stream with Alarm					

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Since 1974, Crest Electronics, Inc. has been providing customers with the right solution for virtually every CCTV application, from one-camera observation systems to large IP NVR solutions. Our comprehensive approach to service allows us to provide everything from outstanding products and components to experienced systems consultants, along with the best technical support available in the industry.

Call us today and let us design the right surveillance solution for you.



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