






Clairvoyant IP Cam	C1002	C1002R	C1006	C1006R	C1062	C1068	OEM1	OEM2
Housing	BOX	BOX	Fixed 4" Dome	Fixed Dome	3.5" PT dome	PT	BOX	BOX
Video Compression	M-JPEG	M-JPEG	M-JPEG	M-JPEG	M-JPEG	M-JPEG	M-JPEG	M-JPEG
Audio Compression	ADPCM/ Duplex	ADPCM/ Duplex	ADPCM/ Duplex	ADPCM/ Duplex	ADPCM/ Duplex	ADPCM/ Duplex	ADPCM/ Duplex	ADPCM/ Duplex
Max. Resolution	640 X 480	640 X 480	640 X 480	640 X 480	640 X 480	640 X 480	640 X 480	640 X 480
Frame rate @Max. R	25 fps@VGA	25 fps@VGA	25 fps@VGA	25 fps@VGA	25 fps@VGA	25 fps@VGA	25 fps@VGA	25 fps@VGA
IE Browser	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP	Standalone motion detect Alarm by email/FTP
DVR Software	4 splits (IE)	4 splits (IE)	4 splits (IE)	4 splits (IE)	4 splits (IE)	4 splits (IE)	4 splits (IE)	4 splits (IE)
CMS Software	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties
UPnP	YES	YES	YES	YES	YES	YES	YES	YES
Multicast	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Passive Access	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Relay Server	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties	3rd parties
VLC/ Mplayer	YES	YES	YES	YES	YES	YES	YES	YES
JAVA Client	MIDP 2.0	MIDP 2.0	MIDP 2.0	MIDP 2.0	MIDP 2.0	MIDP 2.0	MIDP 2.0	MIDP 2.0
Wi-Fi (WPA)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
SD/ CF/ USB DISK	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Video out	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Speaker Out	YES	YES	YES	YES	YES	YES	YES	YES
Alarm in	1	1	1	1	1	1	1	1
Alarm out	1	1	1	1	1	1	1	1
Mic/ Line in	built-in mic.	YES	YES	YES	built-in mic.	YES	YES	YES
PAN/ TILT	N. A.	N. A.	N. A.	N. A.	355°PAN/ 90°TILT	355°PAN/ 90°TILT	N. A.	N. A.
Optical ZOOM	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Digital Zoom	YES	YES	YES	YES	YES	YES	YES	YES
Presets	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Cruise	N. A.	N. A.	N. A.	N. A.	PAN scan	PAN scan	N. A.	N. A.
IR Leds	N. A.	20 meters	10 meters	10 meters	N. A.	N. A.	N. A.	20 meters
Sensor	CMOS	CMOS	CMOS	CMOS	CMOS	CMOS	CMOS	CMOS
Vandal proof	YES	YES	N. A.	YES	N. A.	YES	YES	YES
Outdoor	N. A.	Tropical or Arctic	N. A.	Tropical or Arctic	Optional	Tropical or Arctic	N. A.	Tropical or Arctic
								

Clearvoyant IP Cam	C1202	C1268S	C1212S/C1212NS	C1262SL	C1260S	C1280IR	C2162SL	C1269SL
Housing	BOX	3.5" Outdoor PTZ Dome	BOX	3.5" Indoor PTZ Dome	4" Indoor PTZ Dome	7" Outdoor PTZ IR Dome	A/V Encoder	3.5" Outdoor PTZ Dome
Video Compression	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL	MPEG4 & M-JPEG DUAL
Audio Compression	ADPCM & AMR	ADPCM & AMR	ADPCM & AMR	ADPCM & AMR	ADPCM & AMR	ADPCM & AMR	ADPCM & AMR	ADPCM & AMR
Max. Resolution	720 X 576	720 X 576	720 X 576	720 X 576	720 X 576	720 X 576	720 X 576	720 X 576
Frame rate @Max. R	25 fps@720 X 576	25 fps@720 X 576	25 fps@720 X 576	25 fps@720 X 576	25 fps@720 X 576	25 fps@720 X 576	25 fps@720 X 576	25 fps@720 X 576
IE Browser	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones	Standalone motion detect Alarm by email/ FTP, 3 Detection zones
DVR Software	64 cameras (C/S)	64 cameras (C/S)	64 cameras (C/S)	64 cameras (C/S)	64 cameras (C/S)	64 cameras (C/S)	64 cameras (C/S)	64 cameras (C/S)
CMS Software	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
UPnP	YES	YES	YES	YES	YES	YES	YES	YES
Multicast	YES	YES	YES	YES	YES	YES	YES	YES
Passive Access	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Relay Server	16 cameras	16 cameras	16 cameras	16 cameras	16 cameras	16 cameras	16 cameras	16 cameras
VLC/ 3GPP/ RTSP	YES	YES	YES	YES	YES	YES	YES	YES
3GPP	YES	YES	YES	YES	YES	YES	YES	YES
Wi-Fi (WPA)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
SD/ CF/ USB DISK	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Video out	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Speaker Out	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
Alarm in	1	1	1	1	1	1	1	1
Alarm out	1	1	1	1	1	1	1	1
Mic/ Line in	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
PAN/ TILT	N. A.	355°PAN/ 90°TILT	N. A.	355°PAN/ 90°TILT	360° continuous PAN 180° TILT (AutoFlip)	360° continuous PAN 90° TILT	RS-485/ Keyboard	355°PAN/ 90°TILT
Optical ZOOM	N. A.	N. A.	N. A.	4X	3X	Optional 18X/ 22X	N. A.	N. A.
Digital Zoom	3X	3X	3X	3X	3X	3X	3X	3X
Presets	N. A.	N. A.	N. A.	127	32	32	N. A.	32
Cruise	N. A.	Pan scan	N. A.	2 patterns	Pan scan	N. A.	N. A.	Pan scan
IR Leds	N. A.	N. A.	20 meters	N. A.	20 meters	max. 100 meters	N. A.	Optional
Sensor	1/3" CCD 420TVL	1/3" CCD 420TVL	1/3" CCD 420TVL	1/3" CCD 420TVL	1/3" CCD 420TVL	1/4" CCD 480TVL	N. A.	1/3" CCD 420TVL
Vandal proof	YES	YES	YES	N. A.	N. A.	YES	N. A.	N. A.
Outdoor	N. A.	Tropical or Arctic	Tropical or Arctic	Tropical	N. A.	YES	N. A.	N. A.



Clairvoyant IP Cam	C1212H	C1006H	C1210H	C1260H	C1280H	C1281H	C1211H	C1289H
Housing	BOX	4" Fixed Dome	BOX	4" Indoor PT Dome	6" Outdoor Speed Dome	6" OutdoorSpeed Dome	BOX	Android
Video Compression	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG
Audio Compression	G.726	G.726	G.726	G.726	G.726	G.726	G.726	G.726
Max. Resolution	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576
Frame rate @Max. R	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576
IE Browser	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage
DVR Software	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)
CMS Software	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras
UPnP	YES	YES	YES	YES	YES	YES	YES	YES
Multicast	YES	YES	YES	YES	YES	YES	YES	YES
Passive Access	YES	YES	YES	YES	YES	YES	YES	YES
Relay Server	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras
VLC/ RTSP	YES	YES	YES	YES	YES	YES	YES	YES
Mobile Client	YES	YES	YES	YES	YES	YES	YES	YES
Wi-Fi (WPA)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	N. A.
POE-PD	Optional	Optional	Optional	Optional	Optional	Optional	Optional	N. A.
DC 48V PSE	Optional	Optional	Optional	Optional	Optional	Optional	Optional	N. A.
Local storage	SD card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)
Video out	Optional	Optional	Optional	Optional	Optional	Optional	N. A.	Optional
Speaker Out	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
Alarm in	1	1	1	1	1	1	1	1
Alarm out	1	1	1	1	1	1	1	1
Mic/ Line in	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
PAN/ TILT	N. A.	N. A.	N. A.	360° continuous PAN 180° TILT (AutoFlip)	360° continuous PAN 180° TILT (AutoFlip)	360° continuous PAN 180° TILT (AutoFlip)	N. A.	360° continuous PAN 180° TILT (AutoFlip)
Optical ZOOM	N. A.	N. A.	N. A.	3X	18X ~ 37X	18 ~ 36X	27X	18 ~ 36X
Digital Zoom	Software Zoom	Software Zoom	Software Zoom	Software Zoom	10 ~ 12X	10 ~ 12X	Software Zoom	10 ~ 12X
Presets	N. A.	N. A.	N. A.	64	127	127	N. A.	127
Cruise	N. A.	N. A.	N. A.	Software	Pattern	Pattern	N. A.	Pattern
IR Leds	30 meters	10 meters	N. A.	15 meters	N. A.	N. A.	Optional 60 ~ 120 meters	60 meters
Sensor	1/3" CCD 420TVL	1/3" CCD 420 TVL	1/3" CCD 420/520TVL	1/3" CCD 420/520TVL	1/4" CCD 540 TVL	1/4" CCD 540 TVL	1/4" CCD 480TVL	1/4" CCD 540 TVL
Vandal proof	YES	N. A.	N. A.	N. A.	YES	YES	YES	YES
Outdoor	Tropical or Arctic	N. A.	N. A.	N. A.	Tropical or Arctic	Tropical or Arctic	Tropical or Arctic	Tropical or Arctic
								
					Double layer Sun Shield Scheduled scan 0.4° Stepping accuracy Privacy Mask (software) Integrate 240°/sec	ICR Double layer Sun Shield Thermo-Static 0.1° Stepping accuracy Privacy Mask (hardware) All metal/ 3 parts 400°/sec		

Chairoyant IP Cam	C2110H	C1268H	C1286H	C1262H	C1290H	C1281IR	C2190E	C2190D
Housing	A/V Encoder	4" Fixed Dome	5" Outdoor Speed Dom	4" Indoor PT Dome	6" Outdoor PTZ Dome	7" Outdoor PTZ Dome	4 channels A/V Encode	Decoder
Video Compression	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG
Audio Compression	G.726	G.726	G.726	G.726	G.726	G.726	G.726	G.726
Max. Resolution	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576	704 X 576
Frame rate @Max. R	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	25 fps@704 X 576	60 fps@704 X 576	50 fps@704 X 576
IE Browser	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage
DVR Software	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	TV Wall
CMS Software	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	1728 cameras	300 decoders
UPnP	YES	YES	YES	YES	YES	YES	YES	N.A.
Multicast	YES	YES	YES	YES	YES	YES	YES	YES
Passive Access	YES	YES	YES	YES	YES	YES	YES	YES
Relay Server	YES	YES	YES	YES	YES	YES	YES	YES
VLC/ RTSP	YES	YES	YES	YES	YES	YES	YES	N.A.
Mobile Client	YES	YES	YES	YES	YES	YES	YES	N.A.
Wi-Fi (WPA)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	N.A.
POE-PD	N. A.	Optional	Optional	Optional	Optional	N. A.	N. A.	N.A.
DC 48V PSE	N. A.	Optional	Optional	Optional	Optional	N. A.	N. A.	N.A.
Local storage	SD card (32GB)	SD card (32GB)	TF card (32GB)	TF card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)	N.A.
Video out	N. A.	Optional	Optional	Optional	Optional	Optional	N. A.	Optional
Speaker Out	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
Alarm in	1	1	1	1	1	1	1	1
Alarm out	1	1	1	1	1	1	1	1
Mic/ Line in	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
PAN/ TILT	RS-485/ Keyboard	320° continuous PAN 90° TILT	360° continuous PAN 180° TILT (AutoFlip)	355° continuous PAN 90° TILT	360° continuous PAN 90° TILT	360° continuous PAN 180° TILT (AutoFlip)	RS-485/ Keyboard	RS-485/ Keyboard
Optical ZOOM	N. A.	N. A.	23X	4X	10 ~ 22X	18 ~ 37X	N. A.	N. A.
Digital Zoom	Software Zoom	Software Zoom	Software Zoom	Software Zoom	Software Zoom	10	Software Zoom	Software Zoom
Presets	N. A.	64	127	127	64	127	N. A.	N. A.
Cruise	N. A.	Software	6 patterns	2 patterns	Software	Software	N. A.	N. A.
IR Leds	N. A.	N. A.	Star Light Vision	N. A.	N. A.	max. 100 meters	N. A.	N. A.
Sensor	N. A.	1/3" CCD 420 TVL	1/3" 480 TVL	1/3" CCD 480/ 550TVL	1/4" CCD 420 TVL	1/4" CCD 540 TVL	N. A.	N. A.
Vandal proof	N. A.	YES	YES	YES	YES	YES	N. A.	N. A.
Outdoor	N. A.	Tropical	Tropical	Tropical	Tropical or Arctic	Tropical or Arctic	N. A.	N. A.
			 IR CUT 240°/sec PARK POSITION POWER UP SCAN		 Double layer Sun Shield	 Scheduled scan ICR Privacy Mask (hardware) PARK POSITION POWER UP SCAN		

Chironvoyant DVR	C1222H	C1228H	C1220H	C1221H	Mobile DVR	C1004H	C1008H	C1016H
Housing	BOX	4" Fixed Dome	BOX	BOX	4 channels mobile DVR	4 channels DVR	8 channels DVR	16 channels DVR
Video Compression	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264 main profile/MJPEG	H.264	H.264	H.264
Audio Compression	G.726	G.726	G.726	G.726	G.726	ADPCM	ADPCM	ADPCM
Max. Resolution	1600 x 1200	1600 x 1200	1600 x 1200	1280 X 720	704 X 576	704 X 576	352 x 288	352 x 288
Frame rate @Max. R	30 fps@1280 X 720	30 fps@1280 X 720	30 fps@1280 X 720	30 fps@1280 X 720	25 fps@704 X 576	25 fps@352 X 288 X4	25 fps@352 X 288 X 8	25 fps@352 X 288 X 16
IE Browser	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP 396 Detection zones Local SD storage	Standalone motion detect Alarm by email/ FTP	Standalone motion detect Alarm by email/ FTP	Standalone motion detect Alarm by email/ FTP	Standalone motion detect Alarm by email/ FTP
DVR Software	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	36 cameras (C/S)	4 cameras per screen	4 cameras per screen	8 cameras per screen	16 cameras per screen
CMS Software	1728 cameras	1728 cameras	1728 cameras	1728 cameras	128 cameras	128 cameras	128 cameras	128 cameras
UPnP	YES	YES	YES	YES	N. A.	N. A.	N. A.	N.A.
Multicast	YES	YES	YES	YES	N. A.	N. A.	N. A.	N.A.
Passive Access	YES	YES	YES	YES	N. A.	N. A.	N. A.	N.A.
Relay Server	YES	YES	YES	YES	N. A.	N. A.	N. A.	N.A.
VLC/ RTSP	YES	YES	YES	YES	N. A.	N. A.	N. A.	N.A.
Mobile Client	YES	YES	YES	YES	YES	YES	YES	YES
Wi-Fi (WPA)	Optional	Optional	Optional	Optional	N. A.	N. A.	N. A.	N.A.
POE-PD	Optional	Optional	Optional	Optional	N. A.	N. A.	N. A.	N.A.
DC 48V PSE	Optional	Optional	Optional	Optional	N. A.	N. A.	N. A.	N.A.
Local storage	SD card (32GB)	SD card (32GB)	SD card (32GB)	SD card (32GB)	1TB/ USB2.0 HDD	1TB/ USB2.0 HDD	1TB/ USB2.0 HDD	2TB/ USB2.0 HDD
Video out	YES	YES	YES	YES	YES (VGA)	YES (VGA)	YES (VGA)	YES (VGA)
Speaker Out	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
Alarm in	1	1	1	1	4	4	8	16
Alarm out	1	1	1	1	1	1	1	1
Mic/ Line in	Mono	Mono	Mono	Mono	Mono	Mono	Mono	Mono
PAN/ TILT	N. A.	320° continuous PAN 90° TILT	N. A.	N. A.	RS-485/ Keyboard	RS-485/ Keyboard	RS-485/ Keyboard	RS-485/ Keyboard
Optical ZOOM	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Digital Zoom	Software Zoom	Software Zoom	Software Zoom	Software Zoom in	N. A.	N. A.	N. A.	N. A.
Presets	N. A.	64	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Cruise	N. A.	Software	N. A.	Scan	N. A.	N. A.	N. A.	N. A.
IR Leds	36 x Ø8mm white	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Sensor	2 Mega-Pixels CMOS	2 Mega-Pixels CMOS	2 Mega-Pixels CMOS	1.3 Mega-Pixels 1/2" CCD	N. A.	N. A.	N. A.	N. A.
Vandal proof	YES	YES	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Outdoor	Tropical or Arctic	Tropical	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.

