

Wire-Free Kit

NVR



NVR	
Chipset	Hi3520DV300
Operating System	Linux (embedded)
Pentaplex	Simultaneous view, playback, backup & remote monitoring
Number of Channels	6 Channel
Inputs/Outputs	
Video IN	N/A
Video OUT(CVBS)	N/A
VGA OUT	N/A
HDMI	Yes
Audio IN	N/A
Audio OUT	N/A
USB Port	3 in the rear (USB2.0)
Alarm IN	N/A
Alarm OUT	N/A
Video Output Resolution	1920 x 1080; 1440 x 900; 1280 x 1024; 1280 x 720; 1024 x 768
PTZ control	N/A
Display	
Live Display	1/4/6
Live Display Speed	Up to 60fps@1080P
System Navigation	USB Mouse
Motion Area Setting	Yes
Sensitivity levels	1~8
Firmware Upgrade	USB device / Network
User Authority	By user group
Time Synchronization	Auto time sync by NTP server
RECORDING	
Video Compression	H.264

Audio Compression	G.711a
Recording Resolution	1080P
Record Rate	Total 60 fps (Adaptive. max 20 fps ea)
Recording Quality Control	N/A
Recording Schedule	By Trigger/ Manual
Pre Recording	N/A
Post Recording	Programmable by user - 10s, 20s, 30s
Reliability	Watch-Dog, auto-recovery after power failure
Covert Video	N/A
PLAYBACK	
Playback Channel	1/4/6
Playback Speed	Variable max 2x
Playback Players	Video Player
Search	By Time/Date, Motion Detection, Manual Recording
Log Search	Up to 4000 lines for system, configuration changes, motion/alarm detected, account, record and storage
Audio Play	N/A
STORAGE & ARCHIVE	
Storage	1 HDD (2.5" SATA), SD Card, USB flash drive
Maximum Capacity	HDD 6TB SD Card 256GB (Sandisk) USB Flash Drive 128GB / USB External Drive 1TB
Backup Media	USB flash drive & HDD & Network
Backup File Format	MP4/AVI/H.264
CONNECTIVITY	
Supported Operating Systems	Windows™ Mac OS
Remote Software	HDVision Client Software (PC) & (Mac)
Email notification	Text with snapshot
Smart Phone	iPad®, iPhone®, Android™
System Configuration	Full setup configuration over network
Ports	Programmable by user
Network Protocol	HTTP, IPv4, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP
Network Interface	10/100M, RJ-45
Network Bit Rate	Max 32Mbps total
Wi-Fi Frequency	2.4 GHz FHSS (Frequency-Hopping Spread Spectrum)
Wi-Fi Distance	Up to approximately 150 ft. indoors / approximately 450 ft. outdoors
GENERAL	
Power Consumption	3watts (No HDD Installed)
Supply Voltage	12VDC/2A
Unit Dimensions (W x D x H)	11.4 x 3.7 x 11.0in (290 x 95 x 280mm)
Unit Weight	2.4 lbs (1.1 kg)
Operating Temperature	-10° ~ +55° C / 14° ~ 131° F
Humidity	10 ~ 90% NC

IPC



Wire-free Camera	
Specification	
Image Sensor Manufacturer/ Model #	1/2.7" 2MP progressive scan CMOS SmartSens/SC2235H
DSP	SN93710
Effective Pixel	2MP 1920(H) x 1080(V)
Effective Pixel Area	N/A
Scan System	Progressive Scan
Synchronization	Internal
Minimum Illumination	0.05lux@F1.2 (AGC ON),0Lux with IR
S/N Ratio	40dB
Resolution	2MP 1920(H) x 1080(V)
Aspect Ratio	16:9
White Balance	AUTO
AES Speed	AUTO
AGC	AUTO
Noise Reduction	3D
BLC	N/A
DWDR	N/A
WDR	N/A
Audio	Two-Way Audio
Speaker	YES
Lens/ Lens Mount	2.8mm/F1.8 fixed lens / M12
Viewing Angle	D: 140° H: 120° V: 65°
Power Source	DC 4.2V±10%
Power Consumption	1.8W
Current Consumption	420mA(Activate) / 400µA (Sleep)
Operating Tem Range	-20°C – 55°C (-4°F - 131°F)
Operating Humid Range	Less than 95% RH (no condensation)
Dimension	136 x 73 x 89 mm (5.35 x 2.87 x 3.5 in)
Environment Rating	IP66
Cold start Temp	-20°C (-4°F)
Gamma	N/A
Camera Housing Material	Metal
RoHS Compliance	Yes
Smart IR	NA
IR Night Vision Range	20m / 65 ft.
Built-in IR LED/ICR	Yes, 6 IR
Lens Filter / IR LED Type	850nm
IR Angle	Up to 115°
PIR Angle	Up to 115°

PIR Distance	Up to 10M / 33 ft.
Battery Capacity	2900mAh/ea
Battery Life Cycle	Up to 350(t)