DVR

Functionality	Pentaplex
Video Compression	H.264
Audio Compression	G.711
Number of Channels	4
Video Input	4x BNC
Video Output	2x BNC, VGA
Audio Input	2x RCA
Audio Output	1x RCA
USB Port	2x
Resolution	800 x 600, 1024 x 768, 1280 x 1024
Recording Frame Rate	Total: NTSC: 60 fps at D1, 120 fps at HD1, 120 fps at CIF PAL: 50 fps at D1, 100 fps at HD1, 100 fps at CIF Per channel: NTSC: 1 to 30 fps adjustable PAL: 1 to 25 fps adjustable
Recording Resolution	NTSC : D1 (704 x 480), HD1 (704 x 240), CIF (352 x 240) PAL: D1 (704 x 576), HD1 (704 x 288), CIF (352 x 288)
Recording Modes	Motion record, schedule, always
Pre Recording	Maximum 10 seconds
Post Recording	Maximum 5 minutes
Recording Media	HDD (backup via USB)
Storage Capacity	Maximum 1 TB HDD

HDD Type	SATA 3.5"
Video Format	NTSC/PAL
Video Loss Alarm	Auto detect alarm
Audio Bit Rate	8 Kbps
Live Frame Rate	30 fps
Live Viewing	Full, quad, PIP, ZOOM, SEQ
Picture in Picture (PIP)	Yes
Network Protocol	TCP/IP, DDNS, DHCP, PPPoE, UDP
Network LAN IP	Static, dynamic
Network Connection	10/100 BaseT Ethernet (RJ-45)
Supported Operating System	Windows XP, Windows Vista, Windows 7, OSX 10.5 or above
Browser	Internet Explorer, Safari
Backup	USB flash drive, USB disk & network
Play Search Mode	Time/date, event list
Playback Speed	2x, 4x, 8x, 16x
Pan/Tilt/Zoom	RS-485 Pelco D & P
OSD Language	Multi-language
Time and Date Stamp Display	Yes
Password Protection	Yes, menu password, clear HDD password
Operating System	Linux

Processor	ARM 9
Disk Full Warning	Yes
Automatic Overwrite Option	Yes
LED Indicators	Power, HDD
Housing Material	Aluminum
Housing Color	Black/silver
Power Input	12 VDC 3 A
Power Consumption	10 to 15 W
Power Adapter Input	100 to 240 VAC, 50/60 HZ
Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity	10 to 90%
Dimensions	8.75 x 11 x 2" (22.2 x 28 x 5.08 cm)
Weight	3.75 lb (1.7 kg)

Camera

Image Sensor	1/4" CMOS
Resolution	480 TVL
Outdoor	Yes
IP Rating	IP65
Focal Length	5 mm
Focus Type	Fixed

Optimal Focal Distance	20' (6.09 m)
Night Vision	Yes
Number of IR LED's	24
Night Vision Range	100' (30.48 m)
IR LED control	Automatic (CDS sensor)
Min. Illumination	0 lux
IR Wavelength	850 nm
Video Output	BNC/DC
TV System	NTSC
Viewing Angle	60°
Electronic Shutter	1/60 to 1/100,000 sec
AGC (Automatic Gain Control)	Automatic
ELC (Electronic Light Control)	Automatic
Gamma Correction	Greater than 0.45
White Balance	Automatic
Sunshield	Yes
IR Cut Filter	Yes
Housing Material	Anodized aluminum
Housing Color	Black/silver
S/N Ratio	Greater than 48 dB

Operating Temperature	14 to 140°F (-10 to 60°C)
Operating Humidity	98%
Power Input	12 VDC 300 mA
Power Adapter Input	120 V 60 Hz
Dimensions	6.75 x 3 x 5.5" (17.14 x 7.62 x 13.97 cm)
Weight	0.9 lb (0.4 kg)