

ClearView PantherView5-16-08D 16 Channel HD-AVS DVR PantherView Kit 8 Dome 1080P Cameras with 2TB

System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9/16/25
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
Alarm input	N/A
Relay Output	N/A
Tracking Trigger Event	N/A
Playback and Backup	
Sync Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Storage	
Internal HDD	1 SATA Ports, up to 6TB capacity for each disk
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
Front Cover	N/A
USB	2 USB Ports (1 USB 2.0 , 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control
Third-party Support	ClearView, IC Realtime, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
Audio and Video	
HD-AVS Camera Input	16 Channel
IP Camera Input	16+8 Channel, each channel up to 5MP
Audio In/Out	1/1
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	
Compression	H.265/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P(1~15fps) 1080N / 720P / 960H / D1 / HD1 / BCIF / CIF / QCIF (1~25/30fps) Sub stream: D1 / CIF / QCIF(1~25/30fps)
Bit Rate	32Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Network	

Interface	1 RJ-45 Port (1000M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support ClearView IP Camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4.1, CGI Conformant
Electrical	
Power Supply	DC12V/2A
Power Consumption	<10W (Without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH
Construction	
Dimensions	Compact 1U, 260×236×48mm(10.2"×9.3"×1.9")
Net Weight	0.75kg (1.1lb) (without HDD)

Camera	
Image Sensor	1/2.9" CMOS
Effective Pixels	1920(H)×1080(V), 2MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.02Lux/F2.0, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 50m (164feet)
IR On/Off Control	Auto / Manual
IR LEDs	1
Lens	
Lens Type	Fixed lens / Fixed iris
Mount Type	Board-in
Focal Length	3.6mm
Max Aperture	F2.0
Angle of View	H: 82.8°
Focus Control	N/A
Close Focus Distance	800mm 31.5"
Pan / Tilt / Rotation	
Pan:	0° ~ 360°
Tilt:	0° ~ 78°
Rotation:	0° ~ 360°
Video	
Resolution	1080P (1920×1080)
Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output / HD-AVS
Day/Night	Auto (ICR) / Manual
OSD Menu	Multi-language
BLC Mode	BLC / HLC / DWDR
WDR	DWDR
Gain Control	AGC

Noise Reduction	2D
White Balance	Auto / Manual
Smart IR	Auto / Manual
Certifications	
CE	(EN55032, EN55024, EN50130-4)
FCC	(CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)
UL	(UL60950-1+CAN/CSA C22.2 No.60950-1)
Interface	
Audio Interface	N/A
Electrical	
Power Supply	12V DC \pm 25%
Power Consumption	Max 2.9W (12V DC, IR on)
Environmental	
Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH * Start up should be done at above -40°C (-40°F)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH
Ingress Protection	Vandalproof
Resistance	IP67 - Weatherproof
Construction	
Casing	Aluminium
Dimensions	Φ 106mm \times 93.7mm (Φ 4.17" \times 3.69")
Net Weight	0.44kg (0.97lb)
Gross Weight	0.58kg (1.28lb)