

WatchNET®

Security Since 2000

Spot
Monitor Decoder

4CH Smart 1U 1HDD
Spot Monitor Decoder



IP-DEC-04R3



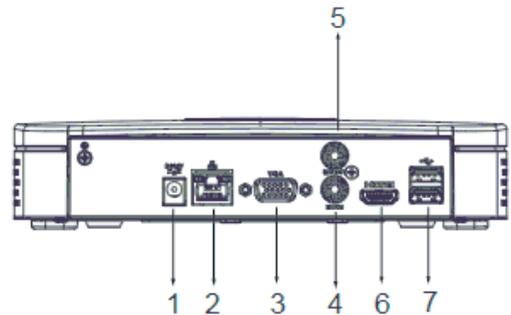
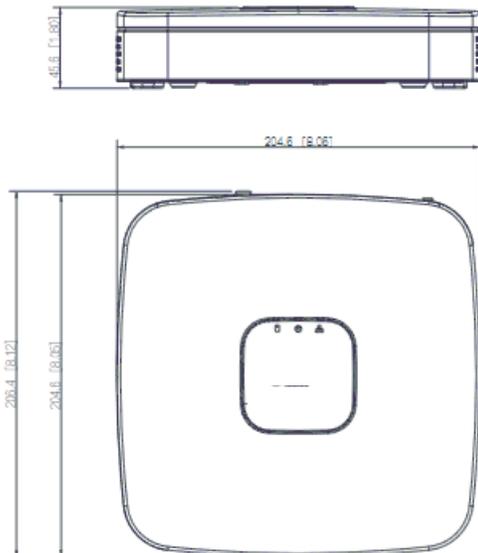
Features:



- New user interface
- H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch
- Max. decoding capability: 4x 1080p@30 fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- P2P remote surveillance, video play on mobile device
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K



FREE Multisite VMS software
Download from www.watchnetinc.com



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|----------------------------|---------------------------|
| 1 DC 12V Power Input | 2 Network Port |
| 3 VGA Port | 4 AUDIO IN, RCA Connector |
| 5 AUDIO OUT, RCA Connector | 6 HDMI Port |
| 7 USB Port | |

Technical Specifications	
System	
Main Processor	Industrial-grade embedded processor
OS	Embedded Linux
Operation Interface	Web/operating in local GUI
Fenced Area Protection by Camera	
Performance	4 channels
AI Search	Search for pictures by channel, time and event type
Face Detection by Camera	
Performance	4 channels
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard
AI Search	Search for pictures by channel, time and face attributes
Motion Detection by Camera	
Performance	4 channels
AI Search	Search by target classification (human, vehicle)
Video	
Access Channel	4
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1
Decoding Capability	4 × 1080p@30 fps
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA & HDMI
Multi-screen Display	1, 4 views
Third-party Camera Access	ONVIF; RTSP
Compression	
Video	Smart H.265/H.265/Smart H.264/H.264/MJPEG
Audio	PCM/G711A/G711U/G726/AAC
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support WatchNET IP camera; DVR; NVS; etc.); P2P; auto register
Mobile Phone Access	Android; iOS
Interoperability	ONVIF(profile T/S/G); CGI; SDK
Browser	Chrome; IE9 or later; Firefox
Record Playback	
Multi-channel Playback	Up to 4 channels for playback
Record Mode	Manual record; alarm recording; Motion Detection recording; smart recording
Storage	Local HDD; network
Backup	USB storage device
Playback Function	1. Play/pause/stop/slow/quick/backward/by frame 2. Full screen, backup (video clip/file), partial zoom in, and audio on/off

Storage	
Disk Group	Yes
Alarm	
General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cyber security exception
Intelligent Alarm	Face detection, perimeter protection (intrusion and line crossing), IVS, people counting, heat map, and motion detection alarms
Alarm Linkage	Recording, snapshot, audio, buzzer, log, preset, and email
External Port	
Audio Input	1 × RCA input
Audio Output	1 × RCA output
HDD	1 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
USB	2 (2 × back USB2.0)
HDMI	1 (supports up to 4K resolution output)
VGA	1
Network	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
General Parameter	
Power Supply	12 V DC, 2 A
Power Consumption	< 10 W (HDD not included, idling)
Net Weight	0.45kg (0.99lb)
Gross Weight	1.07kg (2.36lb)
Product Dimensions	204.6mm × 206.4mm × 48.1mm (8.06" × 8.12" × 1.90") (W × L × H)
Package Dimensions	96mm × 364mm × 261mm (3.78" × 14.33" × 10.28") (W × L × H)
Operating Conditions	-10°C to +50°C (+14°F to +131°F)
Storage Conditions	0°C to +40°C (32°F to 104°F)
Operating Humidity	10c/o ~ 93c/o
Storage Humidity	30% ~ 85%
Operating Altitude	3000m (9842.52ft)
Installation	Desktop mounted
Certification	CE, FCC

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