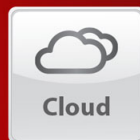
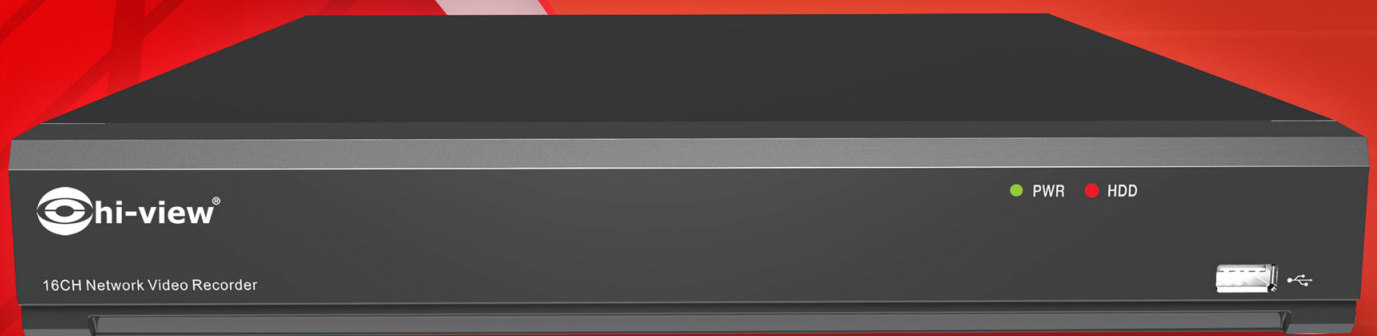


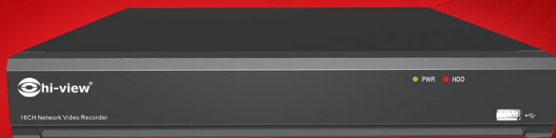
4K ULTRA HD

Network Video Recorder



NVR 7800 SERIES

Ultra HD Network Video Recorder



Feature

- Video compression H264, H.265 / PAL/NTSC
- GUI Language Support English, Thai, Chinese, Etc.
- live View Stream Switch Supported (SD/HD)
- Resolution 8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
- Live/Playback Performance Layout 4K x1ch. / 4MP x 2Ch. / 2MP x 4Ch.
- Recording Bandwidth Max.80Mbps (Max. output 64M)
- Backup Mode USB, Network / rf, AVI, MP4
- Onvif Support Onvif2.6 / External USB Wi-Fi Supported (MTK7610)
- DDNS HIVEVIEW, 3322, NO_IP, CHANGEIP, DNSEXIT, DYNDNS
- Cloud Supported / User Interface IE, App, CMS, Local
- HDD x1 (Max. 10TB)
- HDMI output x1 (Max. 4K) / VGA output x1
- RJ45 x1 (10/100M Mbps) self-adaption
- USB 2.0 x2 / Audio Output x1 (RCA)
- Power supply DC12V/3A

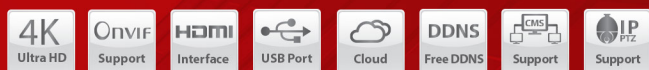
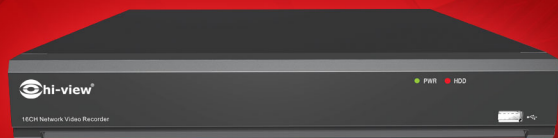
NVR 7800 SERIES

Ultra HD Network Video Recorder

Specification

1/1

Model	HP-7816
OS	Embedded Linux
Video compression	H264, H.265
Video standard	PAL/NTSC
GUI Language	Support English, Thai, Chinese, Etc.
Menu timeouts	Supported (30s, 1Min, 2Min, 5Min, 10Min, OFF)
Cursor Hidden delay	Supported (Off, 1s, 2s, 3s, 5s, 10s, 20s, 30s, 1Min, 2Min)
Cursor Acceleration	Supported
GUI Transparency	Supported
Start Up Wizard	Supported
Aut Reboot	Supported (Everyday, Every week, Every month), Support Date/Time setting
View	
live View Stream Switch	Supported (SD/HD)
Preview Policy	Realtime, Balance, Smooth
Local live view	Layout 1/4/6/8/9/10/13/14/16
Local playback	Layout 1/4
Network live view	Layout 1/4/6/8/9/10/13/14/16
Network playback	Layout 1/4
E-Zoom	Support live view&playback mode
Dwell / Tour	Supported
Video Cover	Support Max. 4 area
Instant Playback	Supported
Manual Capture	Supported
OSD Setting	Supported
Color Setting	Supported (HUE, Bright, Contrast, Saturation)
Auto SEO	Supported (Layout 1, 4, 6), Time adjustable 0-300s.
Image Control	Supported (IRCUT mode, Lens flip, Angle flip, WDR, AGC, 3DNVR, AWT, Dfog, Shutter)
Scale and Offset	Supported
Video streaming	
Stream type	Support Tripple stream
Video Encode Type	H.265, H.264
Bit rate control	CBR, VBR
Resolution	8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
Live / Playback Performance Layout	4K x1ch. / 4MP x 2Ch. / 2MP x4Ch.
Main stream Resolution	3840x2160, 3072x1728, 2592x1944, 2592x1520, 2304x1296, 1920x1080, 1280x720
Substream Resolution	1920x1080, 1280x720, 640x480, 320x240
Mobile Stream	640x480, 320x240
Main stream FPS	Max. 15fps
Substream FPS	Max. 15fps
Mobile Stream FPS	Max. 15fps
IP Channels	
Auto Assign IP	Supported
IP Camera Maintain	Supported local upgrade, Default, Reboot IPC
Flicker Control	Supported (50Hz, 50Hz)
Recording	
Recording Bandwidth	Max.80Mbps (Max. output 64M)
Recording Stream	Support Dual stream
Audio Recording	Supported
Pre-Record	Supported
Record Schedule	Normal, Motion, PIR
Capture Recoding	Supported Main stream, Substream
Capture Recoding Schedule	Supported (Normal, Motion, PIR)
Recording Status Info	Supported
HDD	
HDD Freetime Calculate	Supported
HDD Info	Supported
S.M.R.T Information	Supported
HDD Temp.	Supported
HDD Over write	Supported (Auto, 1Day, 3Days, 7Days, 14Days, 30Days, 90Days, OFF)
Search / Playback	
Search Mode	General, Events, Sub-periods, Pictures
Sub-Periods Layout	Supported 1,2,3,4,5,6 (4K x2ch, 5MP x3ch, 1080P x8ch, 720Px8ch)
Search Type	Normal, Motion, PIR, PID, LCD, SOD, PD, FD, CC
Playback Function	Full screen, Fast Backward (x2,x4,x8,x16), Slow Play (1/2, 1/4, 1/8, 1/16), Step, Fast Forward (x2,x4,x8,x16)
Video Clip	Supported
Sync Playback	Supported
E-Zoom	Supported
Lock Files	Supported
Back up	
Backup Mode	USB, Network
Backup Format	rf, AVI, MP4
Alarm	
Motion Detection	Supported (Area&Sensitive adjustable)



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- Live/Playback Performance Layout 4K x1ch. / 4MP x 2Ch. / 2MP x 4Ch.
- Recording Bandwidth Max. 80Mbps (Max. output 64M)
- Backup Mode USB, Network / rt, AVI, MP4
- Onvif Support Onvif2.6 / External USB Wi-Fi Supported (MTK7610)
- DDNS HIVEVIEW, 3322, NO_IP, CHANGEIP, DNSEXIT, DYNDNS
- Cloud Supported / User Interface IE, App, CMS, Local
- HDD x1 (Max. 10TB)
- HDMI output x1 (Max. 4K) / VGA output x1
- RJ45 x1 (10/100M Mbps) self-adaption
- USB 2.0 x2 / Audio Output x1 (RCA)
- Power supply DC12V/3A

Specification

1/2

Model

HP-7816

Motion Triggering	Buzzer, Record, Post-record, Show message, Send email, Full screen, FTP upload
PIR Alarm	Supported (Area&Sensitive adjustable)
PIR Triggering	Buzzer, Record, Post-record, Show message, Send email, Full screen
Deterrence Alarm	Supported (Area&Sensitive adjustable)
Deterrence Triggering	Light (strobe, Warning light)
Email Alarm	Supported (Max. 3 Receivers)
Email Test function	Supported
Email Schedule	Supported (Morian, Exception, IN-Analysis, PIR)
FTP Upload	Supported (Upload pictures)
Dropbox	Supported (Upload pictures)
Intelligent Alarm	Supported PID, LCD, SOD, PD, FD, CC
Intelligent Schedule	Supported
Intelligent Analysis	Supported Cross in/out report (Daily, Weekly, Month, Annual report)
Intelligent Report Type	List, Histogram, Line Chart
PTZ Linkage	Supported
Exception Alarm	No space, Disk error, Video loss

Network

Network protocol	TCP, IPv4, IPv6, RTSP, Onvif, DHCP, DNS, DDNS, PPPoE, HTTP, UPNP, P2P, SMTP, NTP, DST
Onvif	Support Onvif2.6
External USB Wi-Fi	Supported (MTK7610)
DDNS	HIVEVIEW, 3322, NO_IP, CHANGEIP, DNSEXIT, DYNDNS
DDNS Test function	Supported
Cloud	Supported
Mobile monitoring	Supported (HiviwHD)
Network status	Supported
User Interface	IE, App, CMS, Local
Account Management	Support Max. 7 users
Log Search	Supported
Log Playback	Supported
Log Backup	Supported
System Upgrade	Supported
Parameter Management	Supported (Export/Import config)

Hardware Interface

HDD	x2 (Max. 20TB)
HDMI output	x1 (Max. 4K)
HDMI Resolution Output	4K(3840x2160) 2K(2560x1440) 1920x1200 1600x1200 1680x1050 1080P(1920x1080) 720P(1280x720) 1440x900 1280x1024 1024x768
VGA output	x1
RJ45	x1 (10/100M Mbps) self-adaption
USB 2.0	x2
Audio Output	x1 (RCA)
Power input	DC12V/3A.
Buzzer	x1
Power switch	x1

Others

Power supply	DC12V/3A
Power Consumption	With HDD 9W. / Without HDD 3W.
Working Humidity	10% to 90%
Dimension	300X227X53mm

NVR 7800 SERIES

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