



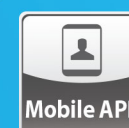
DVR 4000 SERIES

5.0MPixel Lite Video Recorder/ H.265 Compression

DVR 5IN1 SYSTEM

AHD /TVI /CVI /CVBS /IPC SYSTEM SUPPORT

H.265



5MP Lite

Video Recorder



Specification

1/3



Feature

- DVR 5-in-1 (AHD, CVI, TVI, CVBS, IPC),
- H.265 high profile (32+8=24CH)
- Resolution AHD/TVI: 5MP lite, 4MP lite, 2MP, 2MP lite, 720P, 960H, WD1
- Resolution CVI:4MP, 3MP, 1080P, 720P,WD1
- Recording AHD:1280x1936@10fps., AHD/CVI/TVI: 1920x1080P@12fps, AHD/CVI/TVI:1280x720@25fps.,CVBS: 960x576@25fps TVI: 1280x1936@10fps., CVI:1280x1440@12fps
- +IPC x8 (Max.5MP@30fps)
- BNCx32, HDMIx1, VGAx1, CVBSx1, Audio in x16, Audio out x1, Alarm in x16, Alarm out x4, RJ45x1, USBx2
- HDD x4 (Max. 40Tb.), e-SATA x1
- Bandwidth 88/160 Mbps(access/transfer)
- N9000 menu,Cloud P2P (QRCODE), POS, intelligent smart playback
- Power Supply DC12V/2000mA

H.265

Model	HA-45532H4
Video System	5-in-1 (AHD, CVI, TVI, CVBS, IPC)
Video Compression	H.265 standard high profile
Video Standard	PAL/NTSC
Auto Detect Signal	Supported Auto (TVI,AHD,CVBS), CVI manual
Stream Type	Support Dual stream
Bitrate Control	CBR, VBR
GOP	Supported
Recording Resolution	5MP lite, 4MP lite, 2MP, 720P, 960H, WD1
Bitrate	32Kbps-5Mbps
Main Stream	5MP lite 1280x1936@10fps x32 4MP lite 1280x1440@12fps x32 1080P @12fps x32 1080P lite,720P/WD1@5fps x32 analog 960x576@25fps x32
Substream	1280x720,704x576,352x288@12fps bitrate max. 1024Kbps
Record Quality	adjustable (lowest, lower, medium, higher, highest)
IPC Input.	+ IPC x8 (Max. 5MP@30fps)
Viewing	
Split liveview Mode	Layout 1/4/8/9/16/25/32/36, Full screen
Customize Display Modes	Supported
Local Playback	Layout 1/4/9/16 Full screen
IE Split liveview Mode	Layout 1/4/8/9/16/25/32/36, Full screen
Network Playback	Layout 1/4/9, Full screen
E-Zoom	Supported live view&playback mode
Dwell	Supported manual dwell (5secs, 10secs., 15secs, 20secs, 30secs, 40secs, 1min)
Privacy Mask	Supported (Max. 4 area/Ch.)
Instant Playback	Supported (6 Mins ago)
Fast Playback	Supported (5,10,30 secs ago, 1 min ago, 5 mins ago)
Fast Manual Record	Supported
Fast Snapshot	Supported
Fast PTZ Control	Supported
OSD Setting&Control	Supported
Water Mask	Supported
No Image When logout	Supported
Fast Image Setting	Supported (adjust camera parameters and lens control)
Record Status	Supported
Alarm Status	Supported
Disk Status	Supported
Network Status	Supported
Information Status	Supported
Audio	
Audio Compression	G.711A
Two-Way-Audio	Support (take up channel one audio input)
Record	
Recode Mode	Auto, manual, event mode, schedule mode, POS record
Recode Type	Motion, sensor, always(24x7), manual,analytics
Manual Recording Mode	Supported (1min, 5mins, 10mins, 20mins, 30mins, 40mins, 50mins, 1hr, 2hrs, 5hrs, manual)
Cycle Record	Supported
Pre-Record	Supported (3 secs, 5 secs, disable)
Post-Record	Supported (5secs, 10secs, 30secs, 1min, 2mins, 5mins, 10mins)



Specification



Feature

- DVR 5-in-1 (AHD, CVI, TVI, CVBS, IPC),
- H.265 high profile (32+8=24CH)
- Resolution AHD/TVI: 5MP lite, 4MP lite, 2MP, 2MP lite, 720P, 960H, WD1
- Resolution CVI:4MP, 3MP, 1080P, 720P,WD1
- Recording AHD:1280x1936@10fps., AHD/CVI/TVI: 1920x1080P@12fps, AHD/CVI/TVI:1280x720@25fps.,CVBS: 960x576@25fps TVI: 1280x1936@10fps., CVI:1280x1440@12fps
- +IPC x8 (Max.5MP@30fps)
- BNCx32, HDMIx1, VGAX1, CVBSx1, Audio in x16, Audio out x1, Alarm in x16, Alarm out x4, RJ45x1, USBx2
- HDD x4 (Max. 40Tb.), e-SATA x1
- Bandwidth 88/160 Mbps(access/transfer)
- N9000 menu,Cloud P2P (QRCODE), POS, intelligent smart playback
- Power Supply DC12V/2000mA

H.265

Model	HA-45532H4
Record Expiration Time	Supported (Never expired, 1day, 2days, 3days, 4days, 5days, 6days, 7days, 14Days, 21days, 30days, 60days, 90days, customization)
Record Status	Supported
HDD	
HDD Management	Format, storage group mode
Record Period	Supported
Disk Info	Supported
S.M.R.T Information	Supported
Playback HDD	Supported playback directly from HDD with software RPAS
Search and Backup	
Search Modes	By time-slice image, smart search, by time, by event, tag management, image management,
Search Types	Manual, sensor, intelligent analytics, motion, schedule, smart playback
Playback Function	Full screen, stop, rewind, pause, slow play 1/32 , fast play 1/32, 30secs ago, 30 secs later
Sync Playback	Supported
Water Mask	Supported
OSD Off	Supported
E-Zoom	Supported
Event List	Supported
Add Tag Function	Supported
Backup Mode	Network, USB hard Disk
Backup Format	AVI, Private format
Software Player	Supported (user can load from DVR when backup file with private format)
Backup Status	Supported
Alarm	
Alarm Mode	Motion, video loss, alarm out, sensor alarm
Intelligent Mode	Object detection, triple wire, intrusion, exception for IPC only
Alarm Schedule	Supported
Exception Alarm	IP conflict, disk error, disk full, no disk, illegal access network disconnection, HDD is pulled out, IPC offline, video loss
Alarm Tringgering	Record, snapshot, push, alarm-out, preset, buzzer, pop-up video, email
Alarm Status	Supported
Network	
Total Send Bandwith	88/160 Mbps (access/transfer)
Netwok Protocol	TCP/IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, NAT, HTTP, HTTPS, RTSP, NAT, SNMP, NTP, DST, POS, FTP
NAT	Supported (d2.autonat.com:20002)
Cloud	Supported cloud P2P, QRCODE (www.autonat.com)
DDNS	Hiview.org, autoddns, 88ip, meibu, dyndns, no-ip, dvr dydns, mints, 3322
FTP	Supported



Specification

3/3



Feature

- DVR 5-in-1 (AHD, CVI, TVI, CVBS, IPC),
- H.265 high profile (32+8=24CH)
- Resolution AHD/TVI: 5MP lite, 4MP lite, 2MP, 2MP lite, 720P, 960H, WD1
- Resolution CVI:4MP, 3MP, 1080P, 720P,WD1
- Recording AHD:1280x1936@10fps., AHD/CVI/TVI: 1920x1080P@12fps, AHD/CVI/TVI:1280x720@25fps.,CVBS: 960x576@25fps TVI: 1280x1936@10fps., CVI:1280x1440@12fps
- +IPC x8 (Max.5MP@30fps)
- BNCx32, HDMIx1, VGAX1, CVBSx1, Audio in x16, Audio out x1, Alarm in x16, Alarm out x4, RJ45x1, USBx2
- HDD x4 (Max. 40Tb.), e-SATA x1
- Bandwidth 88/160 Mbps(access/transfer)
- N9000 menu,Cloud P2P (QRCODE), POS, intelligent smart playback
- Power Supply DC12V/2000mA

H.265

Model	HA-45532H4
Onvif	Supported
Mobile Monitoring	Support iOS, Android (Superliveplus)
Network Status	Supported
PTZ Function & Control	
COC/UTC	Supported
Preset	1-128 Preset
Crusie	8 Cruise
PTZ Protocol	PELCOP, PELCOD, LILIN, MINKING, NEON, STAR, VIDO, DSCP, VISCA,TVT, COC
Baud Rate	110, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400,57600, 115200, 230400, 460800, 921600
Address	1-255
System&Security	
OSD language	Support Thai, English, Chinese Etc.
GUI Style	N9000 Style
User Interface	IE, App (superliveplus), NVMS-1000, NVMS 2.0
Start Up Wizard	Supported
TV-Wall	Support (Optional)
App live Self-Adaptive	Supported
Output Dwell	Supported Auto dwell (1min, 3mins, 5mins, 10mins, 30mins)
View Log	Support Log, Event Log& Export
Factory Default	Supported
IPC Upgrade	Supported (via DVR)
Cloud Upgrade	Supported
System Upgrade	Supported USB, Network
Backup and Restore	Supported
Auto Maintenance	Supported (1-99 days)
Block/Allow List	Supported (IP, MAC)
Account Management	Supported
Online User Checking	Supported
Hardware Interface	
BNC Video Input	x32 (BNC)
HDMI Output	x1 (1920x1080P, 1280x1024, 1024x768)
VGA Output	x1
CVBS Output/SPOT	x1
Audio Input	x16 (RCA)
Audio Output	x1 (RCA)
HDD	x4 (Max. 40TB)
e-SATA	x1
RJ45	x1 (10/100/1000Mbps)
USB 2.0	x2
RS485	x2 (K/B, P/Z)
Alram Input	x16 (3A/250VAC, 3A/30VDC)
Alram Output	x4
Alarm Buzzer	x1
Cooling Fan	x1 (12VDC/0.89W)
Power Input	x1 AC220V
Switch Power on/off	x1
Others	
Power Supply	ATX-250W (AC220V)
Power consumption	<30W (without HDD)
Working environment	-10C to +50C
Working Humidity	10% to 90%
Dimension	440x390x70mm.

