

# 4K H.265 Pro NVR 5000 Series



4K+H.265



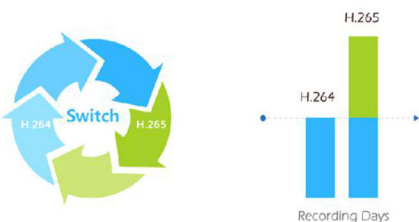
**DATASHEET**

## KEY FEATURES

- ▶ **Powerful Decoding Capacity**
- ▶ **HDMI & VGA** (Providing both HDMI and VGA ports for users to choose according to their monitor types.)
- ▶ **2\*3.5" HDD** (2 SATA of 3.5" HDD, providing 10TB capacity for each HDD, up to 20TB total hard disk storage.)
- ▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)
- ▶ **ANR** (Can automatically replenish the recording gap due to internet interruptions (by storing at the edge).)

### H.265+H.264

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording file with H.265 than with other compressions.



### 4K Video Viewing Experience

Checol 4K H.265 Pro NVR 5000 Series supports up to 4K definition (3840\*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.



### Powerful Decoding Capacity



### Remote Access

Checol 4K H.265 Pro NVR 5000 Series can be easily accessed and managed remotely via Milesight CMS and mobile APP.



# 4K H.265 Pro NVR 5000 Series



Model		MS-N5016-UT
Video/Audio Input	Network Video Input	16-CH
	Bandwidth	Incoming 160Mbps Outgoing 160Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	Dual Stream	Support
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
	Synchronous Playback	2*(30fps @8MP), 2*(30fps @6MP), 3*(30fps @5MP), 4*(30fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 16*(30fps @720P)
Video/Audio Compression	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264
	Audio Compression	G.711/AAC/G.722/G.726
	Sample Rate	8KHz/16KHz
	Synchronous Recording	16*5MP
Storage	SATA	2*SATA HDD(3.5")
	Capacity	Up to 10TB capacity for each HDD
Recording Management	Recording Type	Continuous, Motion Detection, Alarm, Smart Event, Event (Motion Detection, Alarm, Smart Event)
	Snapshot	Manual Snapshot
	Playback	Video Playback, Image Playback
Backup	Backup	Video Backup, Image Backup
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS
External Interface	Network Interface	1*RJ45 10/100/1000Mbps
	USB Interface	1*USB 3.0; 2*USB 2.0
	Audio Input/Output	— /1*RCA
	Alarm Input/Output	4-CH/1-CH
General	Compatibility	ONVIF
	Advanced Function	ANR
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed
	Keyboard Control	Support
	Power Supply	DC 12V 50Hz~60Hz
	Consumption	≤10W(Without HDD)
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%
	Dimensions	Rack Mountable Chassis (1.0U Standard) 440mm(W)X251mm(D)X44.4mm(H)
	Weight	2.6Kg

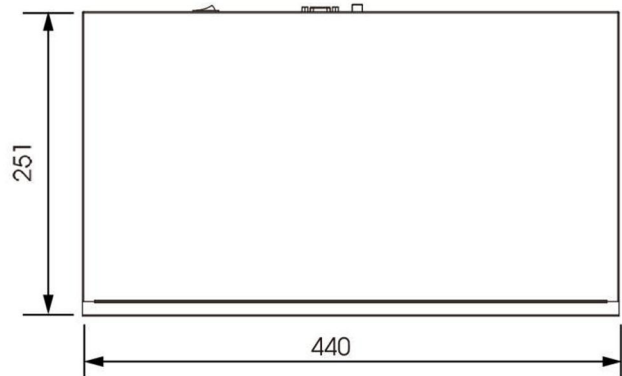


## Interfaces



- 1. Run Indicator    2. HDD Indicator    3. Power Indicator    4. USB    5. Audio Out    6. VGA    7. HDMI    8. USB
- 9. Ethernet Port    10. Alarm In/Out    11. Power    12. GND    13. Power Button

## Structure Diagrams



Units: mm

\* All Specifications / colors are subject to change without notice. (V.01)