

## SPECIFICATION



# MGI32064 MAG 32CH NETWORK VIDEO RECORDER



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## Key Features:

- Support Ultra 265/H.265/H.264 video formats
- 32 channel input
- Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- ANR technology to enhance storage reliability when the network is disconnected

## Technical Parameters

|                           |   |
|---------------------------|---|
| <b>Decoding</b>           |   |
| Decoding Format           | Ultra 265, H.265, H.264   |
| Capability                | Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30<br>Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 32 x 720P@30 |
| Audio Compression         | G.711A, G711U   |
| <b>Network</b>            |   |
| Incoming Bandwidth        | Smart Off: 384Mbps Smart On: 200Mbps  |
| Outgoing Bandwidth        | Smart Off: 384Mbps Smart On: 200Mbps  |
| Remote Users              | 128   |
| Protocols                 | TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPv6; IPv4  |
| <b>Video/Audio Input</b>  |   |
| IP Video Input            | 32ch  |
| RCA Audio Input           | 1-ch  |
| <b>Video/Audio Output</b> |   |
| HDMI/VGA Output           | HDMI:<br>3840x2160/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz<br>VGA:<br>1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz   |
| Recording Resolution      | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF  |
| Audio Output              | 2-ch  |
| Synchronous Playback      | 16-ch   |
| Corridor Mode Screen      | 3/4/5/7/9/10/12/16/32   |



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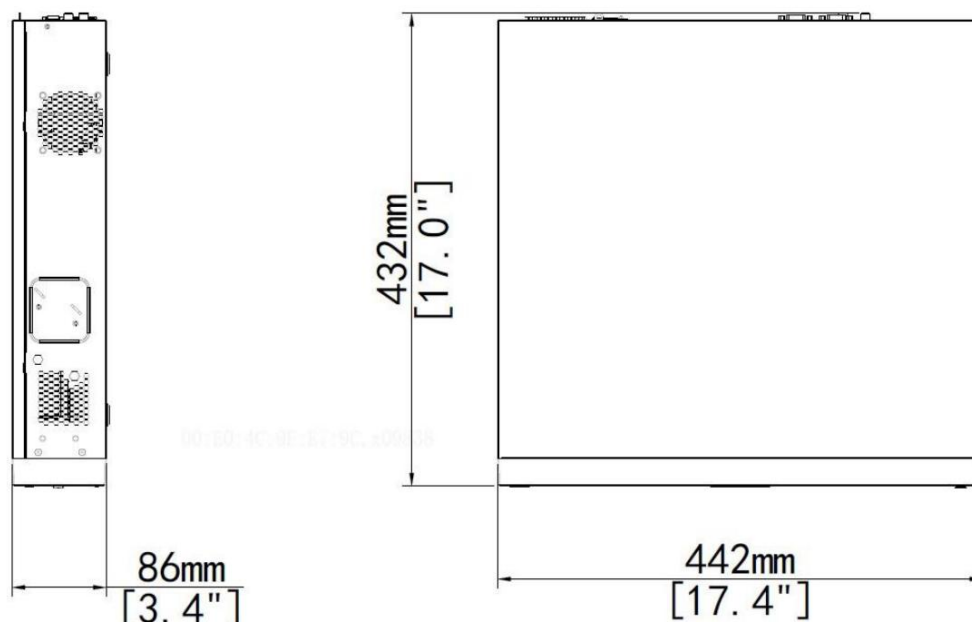
|                             |  |
|-----------------------------|--|
| <b>Two-Way Audio</b>        |  |
| Two Way Audio               | 1-ch, RCA (Depends on IP Camera)   |
| <b>Snapshot</b>             |  |
| FTP/Schedule/Event Snapshot | 16-ch snapshot, up to 1080P resolution   |
| <b>Smart</b>                |  |
| VCA Detection by IPC        | Face Detection; face detection; Vehicle Detection; SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Ultra Motion Detection(UMD); Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection); People Counting(People Flow Counting, Crowd Density Monitoring); Video Metadata; Traffic Monitoring |
| Smart by NVR                | face detection; Smart Intrusion Prevention (SIP); Ultra Motion Detection(UMD); AcuSearch(Human Body/Motor Vehicle)   |
| VCA Search                  | Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report; Heat Map  |
| Smart by IPC                | All channels (up to 16 images/s in total) Face Detection, face detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring   |
| Face Picture Library        | Up to 128 face picture libraries, with up to 40,000 face pictures in total   |
| Vehicle Picture Library     | Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total   |
| SIP by NVR                  | 8-ch   |
| UMD by NVR                  | 16-ch  |
| Capacity Snapshot Record    | 3 millions records for face snapshot; 2 millions records for vehicle snapshot; 2 millions records for SIP  |
| <b>Alarm</b>                |  |
| General Alarm               | Defocus Detection; Scene Change Detection; Object Left Behind; Object Removed; Auto Tracking; Motion Detection; Tampering; Human Body Detection; Video Loss; Alarm Input; Audio Detection  |
| Alert Alarm                 | IP Conflict; Network Disconnected; Disk Offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal; Array Damaged; Array Degraded  |



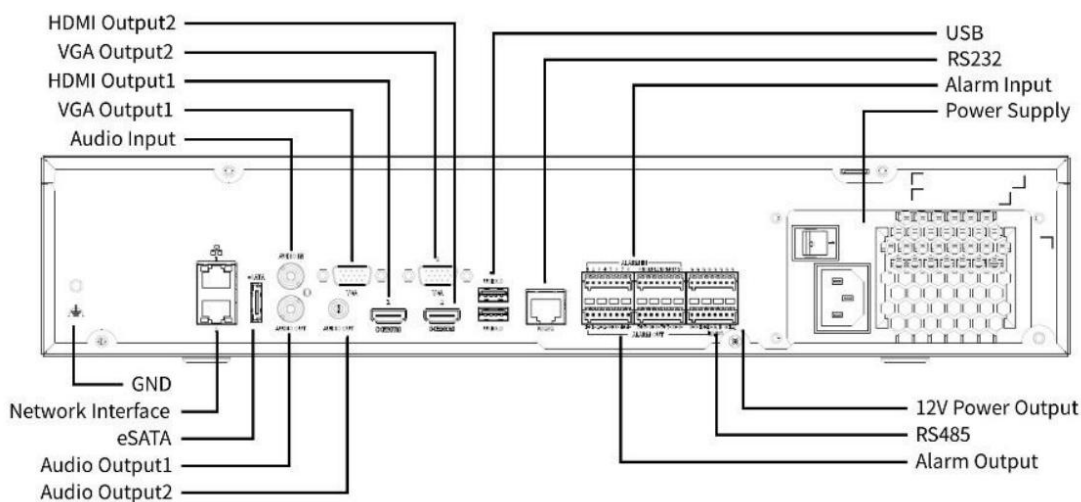
## SPECIFICATION

|                           |   |
|---------------------------|---|
| <b>Hard Disk</b>          |   |
| SATA                      | 4 SATA Interface  |
| Capacity                  | Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature) |
| Disk Group                | Support   |
| Disk Array Type           | Support Raid 0 , 1 , 5  |
| <b>External Interface</b> |   |
| Network Interface         | 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface                                |
| Network Working Mode      | Multi-access,load balance,network fault-tolerance                                     |
| USB                       | Front panel: 2 x USB2.0; Rear panel: 2 x USB3.0                                       |
| RS485/RS232               | 1/1   |
| Alarm In/Out              | 16-Ch / 10-ch   |
| eSATA                     | 1   |
| <b>General</b>            |   |
| Power Supply              | 100 ~ 240 V AC  |
| Power Consumption         | ≤ 50 W (without HDD)  |
| Working Environment       | -10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)                   |
| Dimensions                | 442mm × 432mm × 86mm (17.4"×17.0"×3.4")   |
| Weight (without HDD)      | ≤ 5.5Kg (12.1lb)  |

## Dimension



## Rear Panel



**\*Product performances is based on testing in a controlled environment.  
Your result may vary due to several external and environment factors.**

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