

## KNR-13016-00P 16 Channel H.265 1U Network Video Recorder



### DESCRIPTION

Ultrakpa full range of professional network video recorders act as the heart of its unique market leading surveillance solutions featuring time proven quality and dependable flexibility; ensuring reliability, stability and offering unparalleled performance tailored for all purposes.

KNR-13016-00P is an efficient 16-channel industry standard 19" compact 1U rack mountable network video recorder supporting both H.264 and the latest H.265+ video encoding technology. This NVR handles up to 8MP videos for both playback and preview, with a storage capacity of 2 HDDs up to 6TB each and HDMI/VGA simultaneous video output.

The KNR-13016-00P guarantees license free operation with its open architecture design to be compatible with various third-party ONVIF compliant devices.

### MAIN APPLICATIONS

- Video surveillance security applications for providing safe working, living and entertaining environments with flexible storage capacity and high resolution.
- Professional sophisticated business & residential compounds, resorts and facilities.

### MAIN FEATURES

- **8MP Preview and Playback Resolution**
- **Dependable Flexibility with Unparalleled Performance**
- **H.264/H.265 Compressions**
- **Supports 2HDDs, up to 6TB Each**
- **Up to 80 Mbps Input bandwidth**
- **Dual-Core Embedded Processor**
- **HDMI/VGA Simultaneous Video Output**
- **License Free Operation**
- **ONVIF Compliant**
- **Rack Mountable**

## KNR-13016-00P 16Channel H.265 1U Network Video Recorder

### TECHNICAL SPECIFICATIONS

#### SYSTEM

|                  |                              |
|------------------|------------------------------|
| Main Processor   | Dual-Core Embedded Processor |
| Operating System | Embedded LINUX               |
| IP Camera Input  | 16 Channels                  |

#### RECORDING & PLAYBACK

|                       |  |
|-----------------------|--|
| Recording Compression | H.265, H.264   |
| Record Rate           | 80 Mbps  |
| Recording Mode        | Manual, Stop, Motion Detection, Schedule, Regular, Continuous  |
| Recording Interval    | 1 ~ 120 min, Pre/Post - Record: 1 ~ 30 sec.  |
| Resolution            | 8MP(3840x2160), 6M(3072x2048), 5M(2560x1920), 4M(2592x1520), 3M(2048x1536), 1080p(1920x1080), 720P(1280x720), D1(704x576/480)                                |
| Bit Rate              | 16 Kbps ~ 20 Mbps /Channel   |
| Sync Playback         | 1/4  |
| Search Mode           | Date, Time, Exact Search, Motion Detection   |
| Playback Function     | Fullscreen, Digital Zoom, Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next Camera, Previous Camera, Next File, Previous File, Shuffle, Backup Selection |

#### NETWORK & INTERFACE

|              |   |
|--------------|---|
| Network      | RJ-45 (10/100/1000Mbps)   |
| POE          | Not Available   |
| Users        | 128   |
| Protocol     | IPv4, IPv6, HTTP, HTTPS, TCP/IP, UDP, RTSP, NTP, DNS, IP Filter |
| Mobile Phone | IOS, Android  |
| USB          | 2 Ports   |
| RS-232       | Not Available   |
| RS-485       | Not Available   |

#### ENVIRONMENT

|           |   |
|-----------|---|
| Storage   | - 20°C to +70°C, -4F° to 158°F                          |
| Operation | - 10°C to +55°C, 14° to 131°F                           |
| Humidity  | 80%RH (non condensing)<br>less than 95%(non condensing) |
| Altitude  | 3000 meter maximum, 10,000 feet maximum                 |

#### STORAGE & BACKUP

|               |                                       |
|---------------|---------------------------------------|
| Internal HDD  | 2 SATA III Ports, up to 6 TB each HDD |
| HDD Mode      | Single                                |
| Backup Method | USB Device / Network                  |

#### VIDEO, AUDIO & ALARM

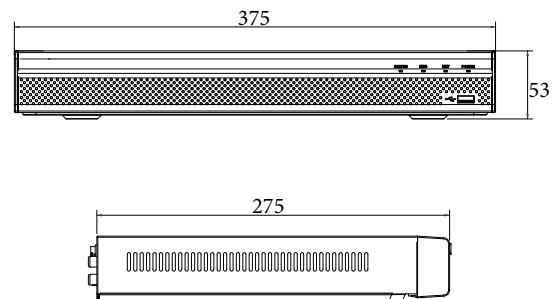
|                      |  |
|----------------------|--|
| Display Resolution   | 1920x1080, 1280x1024, 1280x720                           |
| Display Interface    | 1 HDMI, 1 VGA  |
| Multi-Screen Display | 1/4/8/9/16   |
| Decoding             | 1ch@8MP/30fps, 4ch@1080P/30 fps                          |
| On Screen Display    | Time, Camera Title and lock, Motion Detection, Recording |
| Audio                | Two-Way Talk, 1 Input/Output, RCA                        |
| Trigger Events       | Recording, Tour, PTZ, Push, Screenshot                   |
| Video Detection      | Motion Detection, 396 Motion Detection Zones, Tampering  |
| Alarm Inputs         | Not Available  |
| Relay Outputs        | Not Available  |

#### GENERAL

|                   |                     |
|-------------------|---------------------|
| Power Source      | DC12V /4A           |
| Power Consumption | 3W (Without HDD)    |
| Weight            | 1.7Kg (Without HDD) |

#### DIMENSIONS

Unit : mm



Conversion: 1" = 25.4mm  
Measurement conversions are approximate



Every effort has been made to ensure that all the information in this document was correct at the time of going to press. However we are constantly striving to improve our range wherever possible and therefore reserve the right to change the specification of any product without prior notice

R&D is constantly improving our products therefore specifications, features and appearance are subjected to change without notice

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