KNR-23032-00P
32 Channel H.265 2U 4K
Network Video Recorder

Onvif

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-23032-00P is an efficient 4K 32-channel quad core embedded processor with an enourmous storage capacity of 8 HDDs up to 10TB each and 2 HDMI/2 VGA simultaneous video output all coming in industry standard 19'' compact 2U rack mountable network video recorder supporting both H.264 and the latest H.265+ video encoding technology, handling up to 12MP videos for both playback and preview.

The KNR-23032-00P guarantees license free operation with its open architecture design to be compatible with various third-party ONVIF compliant devices.

MAIN APPLICATIONS

- Optimum recording solution with enourmous storage capacity and 4K video resolution for surveillance applications providing safe working, living and entertaining environments.

- Professional sophisticated business, residential compounds, resorts and facilities with optional ANPR support.

MAIN FEATURES

- **12MP Preview and Playback Resolution**
- **Dependable Flexibility with Unparalleled Performance**
- **H.264/H.265 Compressions**
- **Supports 8HDDs, up to 10TB Each**
- **Up to 320 Mbps Input Bandwidth**
- **Supports ANPR (Optional)**

- **Quad-Core Embedded Processor**
- **Audio & Alarm Support**
- **2 HDMI/2 VGA Simultaneous Video Output**
- **License Free Operation**
- **ONVIF Compliant**
- **Rack Mountable**

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

ULTRAKPA

Network Video Recorder

KNR-23032-00P 32Channel H.265 2U 4K Network Video Recorder

TECHNICAL SPECIFICATIONS

SYSTEM

Main Processor	Quad-Core Embedded Processor
Operating System	Embedded LINUX
IP Camera Input	32 Channels

RECORDING & PLAYBACK

Recording Compression	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
Record Rate	320 Mbps
Recording Mode	Manual, Stop, Motion Detection, Schedule,Regular, Continuous, Alarm
Recording Interval	1 ~ 120 min, Pre/Post - Record:1 ~ 30 sec.
Resolution	12MP (4290 x 2800), 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	1/4/9/16
Search Mode	Date, Time, Exact Search, Motion Detection, Alarm
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	2 RJ-45 Ports (10/100/1000Mbps) Seperate or Joined
POE	Not Available
Users	128
Protocol	IPv4,IPv6,HTTP,HTTPS,TCP/IP,UDP,RTSP,NTP,DNS, IP Filter, SNMP,UPnP, FTP
Mobile Phone	IOS, Android
USB	4 Ports
RS-232	Available
RS-485	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) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

STORAGE & BACKUP

Internal HDD	8 SATA III Ports, up to 10 TB each HDD
Backup Method	USB Device / Network/ eSATA

VIDEO, AUDIO & ALARM
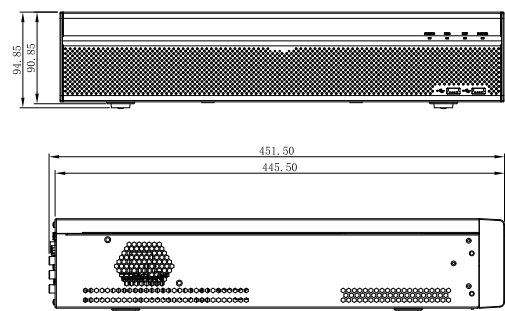
Display Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720
Display Interface	2 HDMI, 2 VGA
Multi-Screen Display	1/4/8/9/16/25/36 (First Screen) 1/4/8/9/16 (Second Screen)
Decoding	4ch@8MP/30fps, 16ch@1080P/30 fps
On Screen Display	Time, Camera Title and lock, Motion Detection, Recording
Audio	Two-Way Talk, 1 Input/2 Output, RCA
Trigger Events	Recording, Tour, PTZ, Push, Screenshot, Alarm, E-mail
Video Detection	Motion Detection, 396 Motion Dtetection Zones, Tampering
Alarm Inputs	16 Channel
Relay Outputs	6 Channel

GENERAL

Power Source	AC100~240V
Power Consumption	17W (Without HDD)
Ventilation	Smart fan with automatic fan speed
Weight	6.7Kg (Without HDD)

DIMENSIONS
Unit: mm

Conversion: 1" = 25.4mm
Measurement conversions are approximate