

KNR-43128-00P-I16-R 128 Channel H.265 3U 4K Intelligent Redundant Network Video Recorder



DESCRIPTION

New Ultrakpa Intelligent redundant full range of industrial professional 3U network video recorders with smart features, adaptive decoding, redundant array of independent disks (RAID 0, 1, 5 and 10) ensuring reliability, stability and offering unparalleled performance tailored for high end purposes.

KNR-43128-00P-I16-R is an efficient 4K Intelligent 64-channel with intel quad core processor with an enormous storage capacity of 16 HDDs up to 8TB each and HDMI/ VGA simultaneous video output, in addition to face detection, redundant power supply all coming in industry standard 19" rack mountable network video recorder supporting both H.264 and H.265 video compressions, handling up to 12MP videos and 384 Mbps bandwidth.

KNR-43128-00P-I16-R guarantees open architecture design to be compatible with various third-party ONVIF compliant devices.

MAIN APPLICATIONS

- Optimum recording solution with enormous storage capacity and 4K video resolution for high-end surveillance applications providing safe working, living and entertaining environments.
- Professional sophisticated business, residential compounds, resorts and facilities with ANPR, face recognition and intelligent analysis.

MAIN FEATURES

- **12MP Preview and Playback Resolution**
- **Intel Quad Core Processor**
- **H.265, H.264 Compressions**
- **Supports 16HDDs, up to 8TB Each**
- **Up to 384Mbps Input Bandwidth**
- **Intelligent Analysis**
- **Face Recognition**
- **Redundant Power Supply**
- **Audio & Alarm Support**
- **HDMI/ VGA Simultaneous Video Output**
- **Supports RAID Storage**
- **Recording Clusters**
- **Hot Swappable**
- **ONVIF Compliant**

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

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TECHNICAL SPECIFICATIONS

SYSTEM

Main Processor	Intel Quad Core Processor
Operating System	Embedded LINUX
IP Camera Input	128 Channels
Recording Clusters	Available

NETWORK & INTERFACE

Network	2 Optical Ports (1000Mbps) 4 RJ-45 Adaptive Ports (10/100/1000Mbps)
Protocol	IPv4,IPv6,HTTP,HTTPS,TCP/IP,UDP,NTP,DNS, IP Filter, SMTP,UPnP, FTP,PPPOE,DDNS, RTSP
Users	128
Mobile Phone	IOS, Android
Compatibility	ONVIF, CGI
USB	4 Ports (2 USB2.0, 2 USB3.0)
RS-232	Available
RS-485	Available
Face Detection	Available
Heat Map	Available
Fish Eye Dewrapping	Available
Auto Tracking	Available

RECORDING & PLAYBACK

Recording Compression	H.265, H.264, MJPEG
Record Rate	384 Mbps
Recording Mode	Manual, Stop, Motion Detection, Schedule,Regular, Continuous, Alarm, Intelligent
Recording Interval	1 ~ 120 min, Pre/Post - Record:1 ~ 30 sec.
Bit Rate	16 Kbps ~ 20 Mbps /Channel
Resolution	12MP(4290 x 2800), 8MP(3840x2160), 6M(3072x2048), 5M (2560x1920), 4M(2592x1520), 3M(2048x1536), 1080p(1920x1080), 960P(1280x960), 720P(1280x720), D1(704x576/480), CIF(352x288), QCIF(176x144)
Playback	128Mbps in RAID5, 64Mbps in Single HDD Mode
Playback Function	Full screen, Digital Zoom, Play, Pause, Stop, Rewind, Fast Forward, Fast Backward, Next Camera, Previous Camera, Backup Selection, Repeat,Shuffle

STORAGE & BACKUP

Internal HDD	16 SATA III Ports, up to 8 TB each HDD
Backup Method	USB Device / Network/ eSATA
RAID	Available (RAID 0,1,5,10)

ENVIRONEMENT

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

VIDEO, AUDIO & ALARM

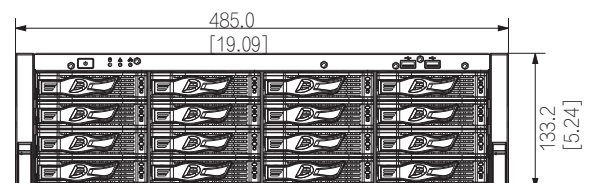
Display Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Display Interface	2 HDMI, 1 VGA
Multi-Screen Display	1/4/8/9/16/25/36 (First Screen) 1/4/8/9/16 (Second Screen)
On Screen Display	Time, Camera Title and lock, Motion Detection, Recording, Video Loss
Audio	Two-Way Talk, 1 Input/1 Output, RCA
Trigger Events	Recording, Screenshot, Alarm, E-mail,PTZ, Tour Buzzer
Tracking Trigger Events	Recording, Tracking, Zoom, Screenshot, Alarm, Preset
Video Detection	Motion Detection, Video Loss, Tampering
Alarm	16 Inputs / 8 Outputs
Serial Attached SCSI Port	1

POWER

Power Source	AC100~240V
Redundant Power Source	Available
Hot Swappable	Available
Power Consumption	51W (Without HDD)
Weight	19.1Kg (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

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