Afidus
Smart Technology, Safe Life

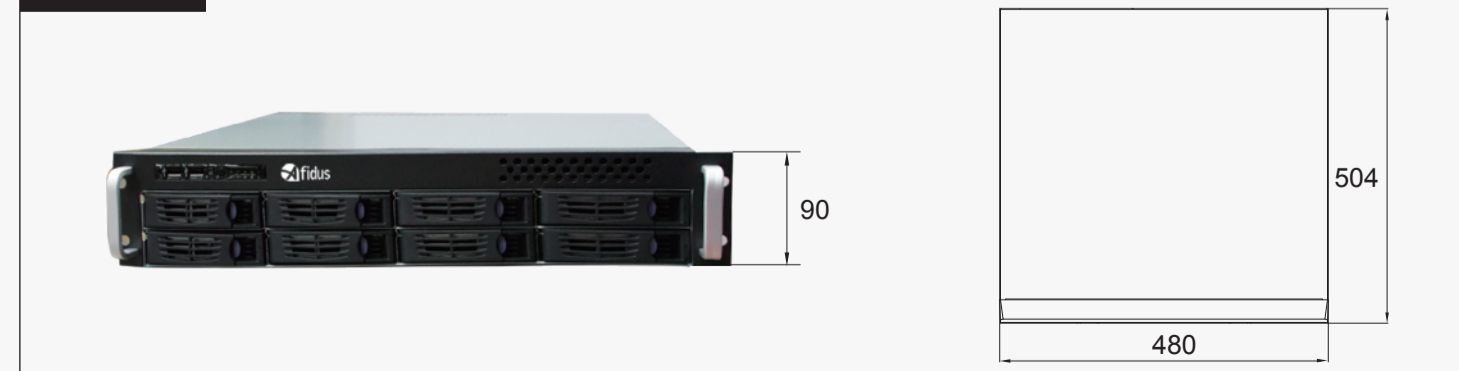## 36 Channel Hot Swappable HDD, H.264+ rack mount NVR

R-36AS

- Support max. 36ch. H.264+ IP Camera input
- Max. 32ch. H.264+ and H.264 IP Camera input
- Dual stream structure. Main stream and sub stream for live view and recording and remote view
- 8pcs HDD slot inside. Swappable design .
- Support Raid 0, 1, 5
- External extension port : e-sata HDD bay and USB storage
- 2pcs LAN port as Fail over
- USB port can plug in USB joystick. Support PTZ, focus control, channel switch, and user defined function
- Support Afidus IP cam (including IVA function and fisheye control).
- 2U NVR dimension. Rack mount bracket (optional accessory)
- Free bundle 256ch. CMS software for muti NVR management
- Free bundle smart phone apps: Afidus App
- Open Standard Protocol

Model	36CH NVR
SoC	ARM Cortex A17 4 core + ARM Cortex A7
LAN Port	2 x Giga RJ-45 Ethernet port
Video Output	VGA D-sub + HDMI
Audio Input	MIC x 1 (phone jack 3.5mm)
Audio Output	Phone Jack 3.5mm x 1
HDD	SATA HDD Up to 6TB x 8
Hot Swappable	Yes
Failover	Yes
Backup	To external USB 3.0 mass storage / To external e-SATA HDD rack / Samba to NAS server / Remote IE browser connection
USB	USB mouse, USB joystick
Sensor In / Alarm Out	8 Digital in / 2 Digital out
Health Detection	FactHardware watch dog, S.M.A.R.T HDD health detection
RTC	Real-Time Clock
Buzzer	Yes, for voice alert
Power	Internal ATX Power Supply. AC in: 100-240V DC out: Max. 350W
Temperature	0 ~ 50°C
Fan	4pcs Fan
Humidity	0%~85% R.H.
Rack Mount	Rack mount casing (2U chassis)
Dimensions	504x480x90mm (L x W x H)
Weight	Net weight: 11 kg
OS	Embedded Linux
Camera Channels	H.264+ mode: Max. 36 channel IP cameras / H.264+, H.264 mix mode: Max. 32 channel IP cameras
Camera Protocol	● Afidus full product line / ● RTSP command
Video Codec	H.264+ or H.264
Audio Codec	G.726 / G. 711 / (AAC by request) . 2-way duio
IP Camera Resolutions	QVGA / VGA / SXGA / FULL HD / 3M /5M/ 8MP (4K*2K)
Total Bitrate	Maximum 200Mbps
General RTSP	Support RTSP streaming
Live Preview	Support 1 / 4 /9 /16 / 25 / 32 / 36 division
Video Display Resolution	Support 1024x768 / 1280x1024 / 1440x900 / 1920x1080 / 4K*2K
Digital Zoom /ePTZ	Google earth like digital zoom
PTZ	● Support PTZ cameras / ● PTZ / Preset / Tour / Auto pan / Iris / Focus /Speed / ● Add / Remove /Goto preset / ● Use USB joystick to control Camera PTZ
Record	● Schedule recording each camera / ● Round the clock / motion record modes / DI detection / Event trigger / ● Pre-alarm / Post-alarm configuration / ● Auto recycle record files by HDD spaces

Playback	● 1 /4/ 9/ 16 / 25 /32/ 36 Division / ● Play / Reverse / Pause / Seek / Pre- I frame / Next Frame / ● Playback speed: 1/4 , 1/2 , 1 , 2 , 4 , 8 , 16 , 32 / ● Convert to AVI / ● Sequential search (Video to frame)
Multi-Language	● Multi-language selectable / ● English / Traditional Chinese / German / Greece / Tai . Language can be added by request
Event Detection	● Motion / NVR DI / IP Cam DI / HDD status / Schedule trigger/ NFR (Network Failure Recover) / ● Schedule-able Event Detection / ● IP cam motion trigger / ● Intelligent detection (IVA): support Afidus IVA IP Camera
Alarm	Buzzer / NVR DO / IP Cam DO/ OSD Display on Screen / Record / Snapshot / E-Mail / TCP notify / HTTP notify / FTP
User authentications	User function permission management
Simultaneously Connection	8 connections (Live view, remote view, recording, smart phone apps, CMS are counted)
Camera setting	● Auto setting and auto search. No need to assign IP Camera DHCP / ● Auto Search / ● Profile selectable: CODEC, Frame rate, CBR, VBR, Resolution / ● Fisheye view switch (O/ P/ R):Support Afidus fisheye dome / ● Motorized lens zoom, focus control: Support Afidus Smart Focus IP cams
Network	Fix IP / DHCP / PPPOE / DIPS Report / UPNP transversal / Samba / DIPS ID
System time	Manual setting, NTP support, DST support
System UI	Selectable display UI: Normal / Simple / Professional / Advance
RAID	Support Software RAID 0 ,1 ,5
Remote Connection	Fully function remote live preview / Fully function remote playback / Support sub-stream low bit-rate
Remote Browser	IE 8.0 or above / MAC Safari™
Free Bundle CMS	● 256 channel IP Cam live view / ● PC Windows base software / ● Multi-monitors function: Remote live preview / playback / event management/ Map / ● Google map™ and map picture. Multi-layer map / ● Special support Afidus IP cam "Smart focus ", " Fisheye e-PTZ", "Fisheye O/P/R view angle change", "Intelligent event trigger: object detection, cross line, face detection, audio detection" / ● TV Wall function
Free Bundle Smart Phone Apps	● Afidus App for Android and I-Phone. / ● NVR group setup. 4channel live view / ● Record video to local phone. Playback video from local phone and from IP cam mSD card (remote retrieve) / ● Send video to Google drive™ or YouTube™ (welcome request other storage server)

Dimensions

90 / 504 / 480

Afidus

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