

IP CCTV / Professional NVRs / Safire Smart

# SF-NVR8864A-A3

SAFIRE SMART



## Features

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- Safire Smart
- A3
- NVR for IP cameras
- 64 CH
- 640 Mbps bandwidth supported
- Maximum resolution 16 Megapixel
- Compression H.265S/H.265+/H.265/H.264+
- 4 HDMI outputs 4K and 1 VGA output
- POS Function
- Intelligent searches of humans, vehicles and two-wheelers
- Facial recognition
- NDAA Certificate
- Face tracking on map
- Dewarping for Fisheye cameras
- Arming / Disarming from the mobile APP
- IP Dual Stream Access
- RCA Audio
- Alarms
- Space for 8 HDD
- WEB, CMS and Smartphone interface
- ONVIF Compatible

## Specifications

Brand	Safire Smart
Range	A3
Inputs for IP cameras	64 CH IP
IP compatible cameras	Safire Smart (native protocol), ONVIF
Bidirectional audio	1 input / 1 RCA output
Main Stream recording	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Decoding capacity	1CH 16Mpx @ 30FPS 4CH 12Mpx @ 30FPS
Video compression format	H.265S / H.265+ / H.265 / H.264+ / H.264
Audio Compression	G.711(U/A)
Total bandwidth	640 Mbps downstream / 640 Mbps upstream
Video outputs	1 HDMI 8K, 2 HDMI 4K, 1 HDMI FullHD / 1 VGA
Display resolution	HDMI1 : 7680x4320@60/30, 3840x2160@60/30, 1920x1080, 1280x1024, 1024x768 HDMI2 : 3840x2160@60/30, 1920x1080, 1280x1024, 1024x768 HDMI3 : 3840x2160@60/30, 1920x1080, 1280x1024, 1024x768 HDMI4 : 1920x1080, 1280x1024, 1024x768  VGA: 1920x1080, 1280x1024, 1024x768  *HDMI 1 and VGA output the same video source ** When 8K resolution is enabled in HDMI 1, HDMI2 is disabled
Yesmultaneous multifunction	Pentaplex: Live, Recording, Playback, Backup and Remote Access
Multi-Screen	Main output: 1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36 / 64 (Live View) Auxiliary output 1: 1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36 (Live View) Auxiliary output 2: 1 / 4 / 6 / 8 / 9 / 13 / 16 (Live view) Auxiliary output 3: 1 / 4 / 6 / 8 / 9 / 13 / 16 (Live view)  Maximum 132 (64 + 36 + 16 + 16)
Recording method	Manual, programmed, motion detection, smart events, alarm input, POS
POS Function	Si
Perimeter Protection	Need to use Safire Smart 4I1 or 8I2 cameras Artificial Intelligence based on the classification of humans, vehicles and two-wheeled vehicles on: - Area intrusion - Line crossover - Region entry - Exit region  Detailed searches for intelligent events

<b>Facial recognition</b>	Face detection with Safire Smart cameras 411 or 812 up to 64CH (All channels) Face detection by the NVR itself with any camera up to 4CH
	Facial recognition up to 16CH max Computation of up to 18 images / second 32 Libraries and up to 10000 face images
	Image searches via recorder, APP and PC software Face tracking on map or plan Statistical information on face results by day, week, month or customized period
<b>Video metadata</b>	With Safire Smart cameras 411 or 812 up to 64CH (All channels) By the NVR itself with any camera up to 8CH Human and vehicle feature extraction For humans: Can extract up to 13 features (glasses, color of clothes, etc.) For vehicles: can extract up to 5 characteristics (color, type, etc.)
<b>License plate recognition</b>	Yes (Safire Smart license plate camera required)
<b>Dewarping</b>	Supports Fisheye camera dewarping
<b>Alarms</b>	16 Inputs / 4 Outputs
<b>External Backup</b>	USB memory / HDD USB / CD-RW USB / DVR-RW USB
<b>Internal memory</b>	8x 3.5" HDD SATA3.0 up to 10 TB (not included)
<b>RAID</b>	RAID0, RAID1, RAID5, RAID6 and RAID10
<b>Communication</b>	1 x USB 3.0 / 2 x USB 2.0 / 2 x RJ45 10/100/1000M (Ethernet) / RS485
<b>Remote access</b>	Web Browser, Safire Smartphone App and PC Software Safire Smart VMS
<b>Power</b>	ATX200 ? 50W (Without hard disk)
<b>Operating temperature</b>	-10°C ~50°C, Humidity 10~90%
<b>Dimensions / Weight</b>	90 (H) x 445 (W) x 436 (D) mm / 1.18 Kg