

IP CCTV / Professional NVRs / Safire Smart

SF-NVR816128A-A3

SAFIRE SMART

Features

- Safire Smart
- A3
- NVR for IP cameras
- 128 CH
- 768 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
- 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



• NDAA Certificate

Specifications

Brand	Safire Smart
Range	A3
Inputs for IP cameras	128 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/1280×1024/960P/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	768 Mbps downstream / 768 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	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

Facial recognition	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
Video metadata	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.)
License plate recognition	Yes (Safire Smart license plate camera required)
Dewarping	Supports Fisheye camera dewarping
Alarms	16 Inputs / 4 Outputs
External Backup	USB memory / HDD USB / CD-RW USB / DVR-RW USB
Internal memory	8x 3.5" HDD SATA3.0 up to 10 TB (not included)
RAID	RAID0, RAID1, RAID5, RAID6 and RAID10
Communication	1 x USB 3.0 / 2 x USB 2.0 / 2 x RJ45 10/100/1000M (Ethernet) / RS485
Remote access	Web Browser, Safire Smartphone App and PC Software Safire Smart VMS
Power	ATX200 ? 50W (Without hard disk)
Operating temperature	-10°C ~50°C, Humidity 10~90%
Dimensions / Weight	90 (H) x 445 (W) x 436 (D) mm / 1.18 Kg