

IP CCTV / Professional NVRs / Safire Smart

# SF-NVR8108A-8P-B2

SAFIRE SMART



## Features

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- Safire Smart
- B2
- NVR for IP cameras
- 8 CH
- 8 x 802.3af/at PoE ports
- 80 Mbps bandwidth supported
- Maximum resolution 12 Megapixel
- Compression H.265S/H.265+/H.265/H.264+
- 1 HDMI output 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 1 HDD
- Power ?80W
- WEB, CMS and Smartphone interface
- ONVIF Compatible

## Specifications

Brand	Safire Smart
Range	B2
Inputs for IP cameras	8CH IP
PoE ports	8 RJ45 10/100M Power 780W, PoE 802.3af/at
IP compatible cameras	Safire Smart (native protocol), ONVIF
Bidirectional audio	1 input / 1 RCA output
Main Stream recording	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/ 960H/D1/CIF
Decoding capacity	1CH 12Mpx @ 20FPS 4CH 1080P @ 30FPS
Video compression format	H.265S / H.265+ / H.265 / H.264+
Audio Compression	G.711(U/A)
Total bandwidth	80 Mbps downstream / 80 Mbps upstream
Video outputs	1 HDMI 4K / 1 VGA
Display resolution	HDMI 1: 3840x2160@30FPS, 1920x1080, 1280x1024, 1024x768
	VGA: 1920x1080, 1280x1024, 1024x768
	*HDMI and VGA can be configured to output the same or a different video source
Yesmultaneous multifunction	Pentaplex: Live, Recording, Playback, Backup and Remote Access
Multi-Screen	Main output: 1 / 4 / 6 / 8 / 9 (Live view) Secondary output: 1 / 4 / 6 / 8 / 9 (Live view)
	AI mode (Default): Max. 8CH (simultaneous HDMI and VGA) AI on recorder available
	Independent video output: Max. 16CH (HDMI and VGA independent) AI by recorder not available
Recording method	Manual, programmed, motion detection, smart events, alarm input, POS
POS Function	Si
Perimeter Protection	Need to use Safire Smart cameras with artificial intelligence 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>	<p>Face detection with Safire Smart cameras 411 or 812 up to 8CH (All channels)</p> <p>Face detection by the NVR itself with any camera up to 2CH</p> <p>Facial recognition up to 6CH max</p> <p>Computation of up to 18 images / second</p> <p>32 Libraries and up to 10000 face images</p> <p>Image searches via recorder, APP and PC software</p> <p>Face tracking on map or plan</p> <p>Statistical information on face results by day, week, month or customized period</p>
	<p>Need to use Safire Smart 411 or 812 cameras</p> <p>Human and vehicle feature extraction</p> <p>For humans: Can extract up to 13 features (glasses, color of clothes, etc.)</p> <p>For vehicles: can extract up to 5 characteristics (color, type, etc.)</p>
	<p>License plate recognition</p> <p>Yes (Safire Smart license plate camera required)</p>
<b>Dewarping</b>	<p>Supports Fisheye camera dewarping</p>
<b>Alarms</b>	<p>8 Inputs / 4 Outputs</p>
<b>External Backup</b>	<p>USB memory / HDD USB / CD-RW USB / DVR-RW USB</p>
<b>Internal memory</b>	<p>1x 3.5" HDD SATA3.0 up to 10 TB (not included)</p>
<b>Communication</b>	<p>1 x USB 3.0 / 2 x USB 2.0 / 2 x RJ45 10/100/1000M (Ethernet) / RS485</p>
<b>Remote access</b>	<p>Web Browser, Safire Smartphone App and PC Software Safire Smart VMS</p>
<b>Power</b>	<p>DC48 V, 2.5A ? 20W (Without hard disk)</p>
<b>Operating temperature</b>	<p>-10°C ~50°C, Humidity 10~90%</p>
<b>Dimensions / Weight</b>	<p>48.1 (H) x 300 (W) x 248.5 (D) mm / 1.18 Kg</p>