

# SF-NVR8232A-B2

Safire Smart

NVR recorder for IP cameras B2

range

32CH video / Compression H.265S /

2HDD

Resolution up to 12Mpx / Bandwidth

192Mbps

2 HDMI and VGA / Dewarping

Fisheye

Facial recognition, Video metadata



Safire Smart

B2

NVR for IP cameras

32 CH

192 Mbps bandwidth supported

Maximum resolution 12 Megapixel

Compression H.265S/H.265+/H.265/H.264+

1 HDMI output 4K, HDMI FullHD output 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 2 HDD

WEB, CMS and Smartphone interface

ONVIF Compatible

NDAA Certificate

# Specifications

<b>Brand</b>	Safire Smart
<b>Range</b>	B2
<b>Inputs for IP cameras</b>	32CH IP
<b>IP compatible cameras</b>	Safire Smart (native protocol), ONVIF
<b>Bidirectional audio</b>	1 input / 1 RCA output
<b>Main Stream recording</b>	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
<b>Decoding capacity</b>	1CH 12Mpx @ 20FPS 4CH 1080P @ 30FPS
<b>Video compression format</b>	H.265+ / H.265 / H.264+ / H.264
<b>Audio Compression</b>	G.711(U/A)
<b>Total bandwidth</b>	192 Mbps downstream / 192 Mbps upstream
<b>Video outputs</b>	1 HDMI 4K / 1 HDMI FullHD / 1 VGA
<b>Display resolution</b>	HDMI 1: 3840x2160, 1920x1080, 1280x1024, 1024x768 HDMI 2: 1920x1080, 1280x1024, 1024x768 VGA: 1920x1080, 1280x1024, 1024x768  *HDMI 1 and HDMI 2 separate *HDMI 1 and VGA simultaneous
<b>Yesmultaneous multifunction</b>	Pentaplex: Live, Recording, Playback, Backup and Remote Access
<b>Multi-Screen</b>	Main output: 1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 36 (Live View) Secondary output: 1 / 4 / 6 / 8 / 9 (Live view)
<b>Recording method</b>	Manual, programmed, motion detection, smart events, alarm input, POS
<b>POS Function</b>	Si
<b>Perimeter Protection</b>	Need to use Safire Smart 411 or 812 cameras Artificial Intelligence based on the classification of humans, vehicles and two-wheeled vehicles on: - Area intrusion - Line crossover - Region entry - Exit region
<b>Facial recognition</b>	Detailed searches for intelligent events Face detection with Safire Smart cameras 411 or 812 up to 32CH (All channels) Face detection by the NVR itself with any camera up to 2CH  Facial recognition up to 6CH max Computation of up to 18 images / second 32 Libraries and up to 10000 face images
<b>Video metadata</b>	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 Need to use Safire Smart 411 or 812 cameras Human and vehicle feature extraction For humans: Can extract up to 13 features (glasses, color of clothes, etc.) For vehicles: can extract up to 5characterísticas (color, type, etc.)
<b>License plate recognition</b>	Yes (Safire Smart license plate camera required)
<b>Dewarping</b>	Supports Fisheye camera dewarping via web and APP
<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>	2x 3.5" HDD SATA3.0 up to 10 TB (not included)
<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>	DC 12V / 4A, ? 20W (Without hard disk)
<b>Operating temperature</b>	-10°C ~50°C, Humidity 10~90%
<b>Dimensions / Weight</b>	48.1 (H) x 380 (W) x 268 (D) mm / 1.18 Kg