

# SF-NVR8416A-A2

Safire Smart

NVR recorder for IP cameras A2

range

16CH video / Compression H.265+ /

4HDD

Resolution up to 12Mpx / Bandwidth

160Mbps

HDMI 4K, HDMI FullHD & VGA /

Dewarping Fisheye

Facial recognition / smart searches



Safire Smart

A2

NVR for IP cameras

16 CH

160 Mbps bandwidth supported

Maximum resolution 12 Megapixel

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

1 HDMI output 4K, 1 HDMI FullHD output and 1 VGA output

POS Function

Facial recognition

Face tracking on map

Dewarping for Fisheye cameras

IP Dual Stream Access

Mouse

RCA Audio

Alarms

Space for 4 HDD

WEB, CMS and Smartphone interface

ONVIF Compatible

# Specifications

Brand	Safire Smart
Range	A2
Inputs for IP cameras	16 CH IP
IP compatible cameras	Safire Smart (native protocol), ONVIF
Bidirectional audio	1 input / 1 RCA output
Video outputs	1 HDMI 4K, 1 HDMI 1080p, 1 VGA
Main Stream recording	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Decoding capacity	1CH 12Mpx 4CH 1080P
Video compression format	H.265+ / H.265 / H.264+ / H.264
Audio Compression	G.711(U/A)
Total bandwidth	160 Mbps downstream / 160 Mbps upstream
Display resolution	HDMI 1: 3840x2160, 1920x1080, 1280x1024, 1024x768 HDMI 2: 1920x1080, 1280x1024, 1024x768 VGA: 1920x1080, 1280x1024, 1024x768 *VGA and HDMI 1 are simultaneous *HDMI 1 and HDMI 2 separate
Alarms	16 Inputs / 4 Outputs
POS Function	Yes Facial recognition up to 16CH Computation of up to 18 images / second 32 Libraries and up to 10000 face images Image searches via recorder, APP and software Face tracking on map or plan
Intelligent functions	Statistical information on face results. TrueSense intelligent event searches by human and vehicle (camera with TrueSense required). Video Structure: 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.)
Dewarping	Supports Fisheye camera dewarping
Recording method	Manual, programmed, motion detection, smart events, alarm input, POS
Simultaneous multifunction	Pentaplex: Live, Recording, Playback, Backup and Remote Access
External Backup	USB memory / HDD USB / CD-RW USB / DVR-RW USB
Internal memory	4 x HDD 3.5" SATA3.0 up to 10 TB each (not included)
Communication	1 x USB 3.0 / 2 x USB 2.0 / 1 x RJ45 10/100/1000M (Ethernet) / RS485
Remote access	Web Browser, Safire Smartphone App and PC Software Safire Smart VMS
Power	AC 100~240 V, <20W (without hard disk)
Operating temperature	-10°C ~ 50°C, Humidity 10~90%
Dimensions / Weight	70 (H) x 440 (W) x 390 (D) mm / 4.22 Kg