

IP CCTV / Professional NVRs / Safire Smart

SF-SERVERVMS-1000CH

SAFIRE SMART



Features

- Safire Smart
- Server with VMS installed
- Up to 1000CH
- 768 Mbps bandwidth supported
- Maximum resolution 16 Megapixel
- 4 HDMI outputs and 1 VGA output
- Supports up to 16 videowall decoders
- Up to 64 users accessing simultaneously
- Intelligent searches of humans, vehicles and two-wheelers
- Facial recognition
- Dewarping for Fisheye cameras
- 2x RJ45 Ethernet ports
- Alarms
- Space for 8 HDD
- RAID
- Redundant power supply
- ONVIF Compatible

Specifications

System

CPU	ARM 8-Núcleos 64bit AI
Memory	LPDDR4 8G, 64GB EMMC
Operating system	Linux

Video and Audio

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 *HDMI 1 and VGA output the same video source
Multi-Screen	HDMI main output 1: 1 / 4 / 6 / 7 / 8 / 9 / 10 / 12 / 13 / 16 / 24 / 25 / 33 / 36 (Live View) HDMI output 2: 1 / 4 / 6 / 7 / 8 / 9 / 10 / 12 / 13 / 16 / 25 / 36 (Live view) HDMI output 3: 1 / 4 / 6 / 7 / 8 / 9 / 10 / 12 / 13 / 16(Vista live) HDMI output 4: 1 / 4 / 6 / 7 / 8 / 9 / 10 / 12 / 13 / 16 (Live View)
Video compression	H.264/H.265/H.265+/H.265S
Recording method	Manual, programmed, motion detection, smart events, alarm input, POS
Audio output	1CH of audio output (MONO) HDMI 1 support audio output
Audio Compression	G.711(U/A)

Live view

Maximum number of CH in	104 (36 + 36 + 16 + 16)
Maximum resolution	16 Mpx
Decoding capacity	1x 16Mpx or 4x 12Mpx or 6x 8Mpx (Only available for main output)

Reproduction

Simultaneous playback	16CH
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Decoding capacity	1x 16Mpx or 4x 12Mpx or 6x 8Mpx (Only available for main output)
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Performance and capabilities

Max. access. of users	64
Max. online users.	64 (with simultaneous live display)
Max. number. of channels	1000 CH
Max. number. of devices	256 devices
Max. number. of decoding outputs	64
Max. number. transfer server access	1
Max. number. of storage servers	1
Max. number. channel recording per server	128
Max. number. of channels by third party protocols	1000
Max. number. of devices by third-party protocol	256
Max. number. of channels in simultaneous live playback	256 (per customer / user)
Max. number. of channels in simultaneous recording playback	16 (per customer / user)
Maximum number of views	Up to 64 views
Bandwidth	768 Incoming Mbps / 256 Outgoing Mbps
Storage bandwidth	512 Mbps
Face database	50.000 faces can be registered Comparison capability up to 30 faces/second
Vehicle registration database	10.000 license plates can be recorded Comparison capability up to 25 faces/second
Access to Fisheye cameras	Supports 1CH of Fisheye camera configuration
Video wall decoders	Up to 16 videowalls can be created
Video wall plans	You can create up to 64 planes max. by videowall

External interface

Ethernet interface	2x RJ45 10/100/1000M auto-adaptive
Storage	8x SATA3.0 to 10TB per HDD RAID support: 0, 1, 5, 6, 10

E-SATA interface	2x E-SATA
Alarms	16 inputs / 8 alarm outputs
USB	1x USB 3.0, 3x USB 2.0
Other	
Power	Redundant power supply, AC100V~240V
Power consumption	<50W (sin HDD)
Temperatura de funcionamiento	-10°C ~ 50°C
Humedad relativa	10% ~ 90%
Dimensiones	560 (Fo) x 437.2 (An) X 88 (Al) mm
Protección ambiental	DirectivaEU RoHS, WEEE(2012/19/EU) , Directiva 94/62/EC y REACH(EC1907/2006)