



ALL-IN-ONE MANAGEMENT SOFTWARE

Safire Control Center is a powerful multipurpose management software. A perfect solution to manage CCTV, access control, time attendance and video intercom devices. SCC allows you to manage camera and recording settings, view multiple camera feeds, and set alerts for tampering, motion detection and smart video analytic. It includes advanced modules in order to get wide metadatas and statistics from various devices. An intuitive design and added functions have improved the new version of this popular software.

CCTV HIGHLIGHTS

LIVE VIEW

- ✓ View settings and instant playback
- ✓ Main/auxiliary screen Up to 64/48-window
- ✓ Custom window division configurable
- ✓ Live view in fisheye mode for fisheye camera
- ✓ Master-slave tracking
- ✓ Hardware decoding

EVENTS

- ✓ Camera linkage and multiple linkage actions
- ✓ Device arming settings
- ✓ Event configuration (for video and others)
- ✓ Searching and exporting the linked pictures
- ✓ Audible warning and pop-up image
- ✓ Receiving events in real-time with log
- ✓ Custom event sound as desired
- ✓ Displaying the alarm location on the e-map

RECORDING

- ✓ Recording both main stream and sub-stream
- ✓ Remote manual recording
- ✓ Recording schedule
- ✓ Storing alarm pictures on Storage Server
- ✓ Video file overwritten and expired video file deleting

PLAYBACK

- ✓ Local and remote playback (Fisheye*)
- ✓ Instant / normal / alarm input / event / VCA
- ✓ Up to 16-ch synchronous playback
- ✓ Locating the playback time accurately
- ✓ Skipping unconcerned video
- ✓ Searching video with POS information
- ✓ Player to view downloaded with video file
- ✓ Merging video files by date

ACCESS HIGHLIGHTS

PERSON MANAGEMENT

- ✓ Managing persons in different organizations
- ✓ Getting person information
- ✓ Importing and exporting person and face information
- ✓ Provides multiple types of credentials, including card number, face, and fingerprint, for composite authentications

RACC and INTERCOM

- ✓ Setting holiday schedule and access schedule
- ✓ Setting door's remaining open/closed status
- ✓ Supports multiple modes for authentication
- ✓ Setting access groups to related persons, templates, and access points
- ✓ Multi-factor authentication, custom Wiegand, first person in, anti-passback, and multi-door interlocking

TIME ATTENDANCE

- ✓ Setting general rules for time and attendance and corresponding work hour rate
- ✓ Supports flexible and quick settings of timetables, shifts, and shift schedule
- ✓ Getting details attendance data (check-in/out, break-in/out, overtime-in and overtime-out, etc.)
- ✓ Customizing contents displayed in reports and sending report to specified emails according to schedule
- ✓ Setting different rules for various attendance scenarios, such as one-shift and man-hour shift
- ✓ Sending the original attendance data to a third-party database



STATISTICS

- ✓ Data statistics of heat map, people counting, counting, road traffic, face retrieval, license plate retrieval, behavior analysis, face capture, queuing-up time analysis, queue status analysis and intersection analysis
- ✓ Showing large picture of face retrieval, license plate retrieval, and behavior analysis and the pictures can be exported for local storage

Reference		Safire Control Center	
Database		SQLite (encrypted)	
Supported Language		Arabic, Bulgarian, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Lithuanian, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Serbian, Simplified Chinese, Slovak, Slovenian, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Ukrainian, Vietnamese	
Client	General	User	50 users and one super user
		E-map	256
		Encoding Device	256
		Group	256 groups 256 channels for each group
		Channel	256 channels for all groups
		Storage Server	16
		Stream Media Server	16
	Video	Live View	64-ch live view at a time on one screen
		Auxiliary Screen Preview	One main screen and 3 auxiliary screens for live view
		Playback	16-ch playback at a time
		Synchronous Playback	16-ch synchronous playback
		Downloading	16-ch downloading tasks at a time
	Access Control	Organization	10 hierarchies
		Person	3200
		Card	16
		Access Group	128
		Access Point (Doors/Floors)	64
		Template	255
		Door Station	16
		Indoor Station	512
Master Station		256	
Shift		64	
Time and Attendance Data		The data are stored in the database. The retention period depend on the HDD capacity and amount of the data generated during usage.	
Storage Server	Recording Performance	64-ch × 2 Mbps at a time	
	VOD Performance	64-ch × 2 Mbps at a time	
	User	32	
	SCC Client	128 clients connected to the Storage Server	
Stream Media Server	Incoming/Outgoing Stream	64-ch incoming stream 200-ch outgoing video stream	



GENERAL

- ✓ Applied in local area network and wide area network
- ✓ Facial identification device such as DeepinView and DeepinMind
- ✓ E-map function. Adding, deleting, editing and view e-map, zooming in/out and moving the e-map
- ✓ Remote configuration for added devices and user permission management
- ✓ Creating a password to activate devices. Resetting device password

NETWORK

- ✓ Checking device's online users
- ✓ NTP protocol for time synchronization
- ✓ Searching the active online devices
- ✓ Adding devices by Cloud P2P
- ✓ Adding devices by DDNS and IP Server
- ✓ Batch importing devices
- ✓ Two-way audio and broadcast function

PTZ CONTROL

- ✓ Preset, patrol, and pattern settings
- ✓ 3D positioning
- ✓ Displaying analog speed dome's local menu via PTZ control panel
- ✓ PTZ control of one-touch patrol and one-touch park

Features	Requirements
Operating System	Microsoft® Windows 7 SP1 and above (32-bit or 64-bit) Microsoft® Windows 8.1 (32-bit or 64-bit)
	Microsoft® Windows 10 (32-bit or 64-bit)
	Microsoft® Windows Server 2008 R2 and above (32-bit or 64-bit) / 2012 R2 and above (32-bit or 64-bit)
CPU	Intel® Core™ i3 Processors and above
Memory	2 GB or above
Resolution	1280×768 and above

H.264 Live view performance

Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i3-8100			CPU: i5-4590@3.3GHz			CPU: i7-6700k@4GHz		
			Graphics Card: GT1030 D5 Windows 7 64-bit			Graphics Card: GTX970 Windows 7 64-bit			Graphics Card: GTX1070 Windows 7 64-bit		
			Channels	CPU (%)	Memory (MB)	Channels	CPU (%)	Memory (MB)	Channels	CPU (%)	Memory (MB)
720P	3	30	-	-	-	25	78-89	1.33	41	81-90	1.286
1080P	6	30	-	-	-	11	65-82	460	19	75-89	1.242
8MP	12	30	-	-	-	3	79-90	2.099	5	63-75	1.454
4CIF	1	30	57	58-78	1.577	-	-	-	-	-	-

H.264+ Live view performance

Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i3-8100			CPU: i5-4590@3.3GHz			CPU: i7-6700k@4GHz		
			Graphics Card: GT1030 D5 Windows 7 64-bit			Graphics Card: GTX970 Windows 7 64-bit			Graphics Card: GTX1070 Windows 7 64-bit		
			Channels	CPU (%)	Memory (MB)	Channels	CPU (%)	Memory (MB)	Channels	CPU (%)	Memory (MB)
720P	3	30	24	62-84	1.208	27	63-90	1.382	48	53-80	1.125
1080P	6	30	11	60-89	1.024	12	61-90	1.536	21	80-90	1.161
8MP	12	30	-	-	-	3	70-91	686	6	64-92	1.249

H.265 Live view performance

Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i3-8100			CPU: i5-4590@3.3GHz			CPU: i7-6700k@4GHz		
			Graphics Card: GT1030 D5 Windows 7 64-bit			Graphics Card: GTX970 Windows 7 64-bit			Graphics Card: GTX1070 Windows 7 64-bit		
			Channels	CPU (%)	Memory (MB)	Channels	CPU (%)	Memory (MB)	Channels	CPU (%)	Memory (MB)
720P	3	30	14	69-91	1.054	15	70-90	850	26	71-89	1.251
1080P	6	30	8	64-81	1.105	8	60-85	1.239	15	70-88	1.284
8MP	12	30	-	-	-	2	77-92	666	3	51-64	1.075