

# Smart PSS V2.00.1

Rima Elektronik Biliřim ve Gvenlik Sistemleri



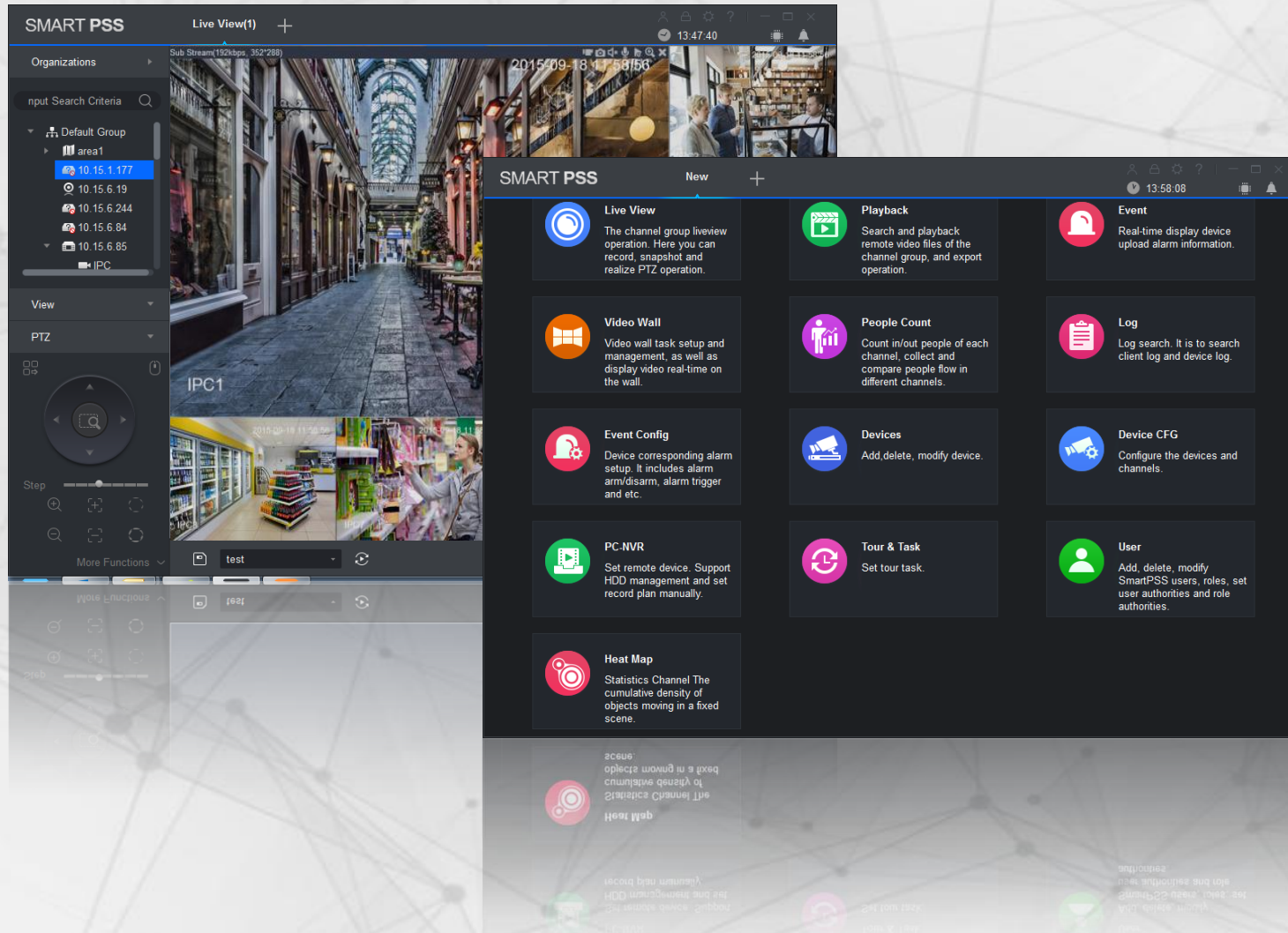
# SmartPSS

Smart Professional Surveillance System

An easy-to-use  
security surveillance  
application with  
friendly interface.

Designed for small or  
medium daily-use  
system.

Provide efficient device  
management,  
monitoring, playback,  
alarm, video analytics,  
video wall, etc.



▶ New Features

▶ Functionalities

▶ Specification

# What's new?

Installation

Preview

System  
setting

Language

Video  
Wall



# 34 language



Farsi



Arabic



Russian



Japanese



Korean



Turkish



Vietnamese



Thai



Indonesian



Hebrew



Spanish



Portuguese



French



Dutch



Italian



German



Czech



Slovakia



Hungarian



Polish



Bulgarian



Greek



Romanian



Albanian



Slovenia



Serbian



Croatia



Danish



Finnish



Swedish



Norwegian



Brazil Portuguese



Chinese



Traditional Chinese

# Installation

Windows administrator



non-Windows administrator



**New** ➤ Installation by Windows administrator, operation by **non-Windows administrator**

**Old** ➤ Installation by Windows administrator, operation also by Windows administrator

# What's new in Video Wall?

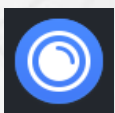


• Splicing

- Decoder splicing, roaming (device support required)

• Roaming





# Preview



... 180 degree fisheye

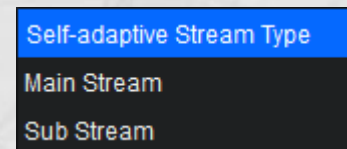


# System setting



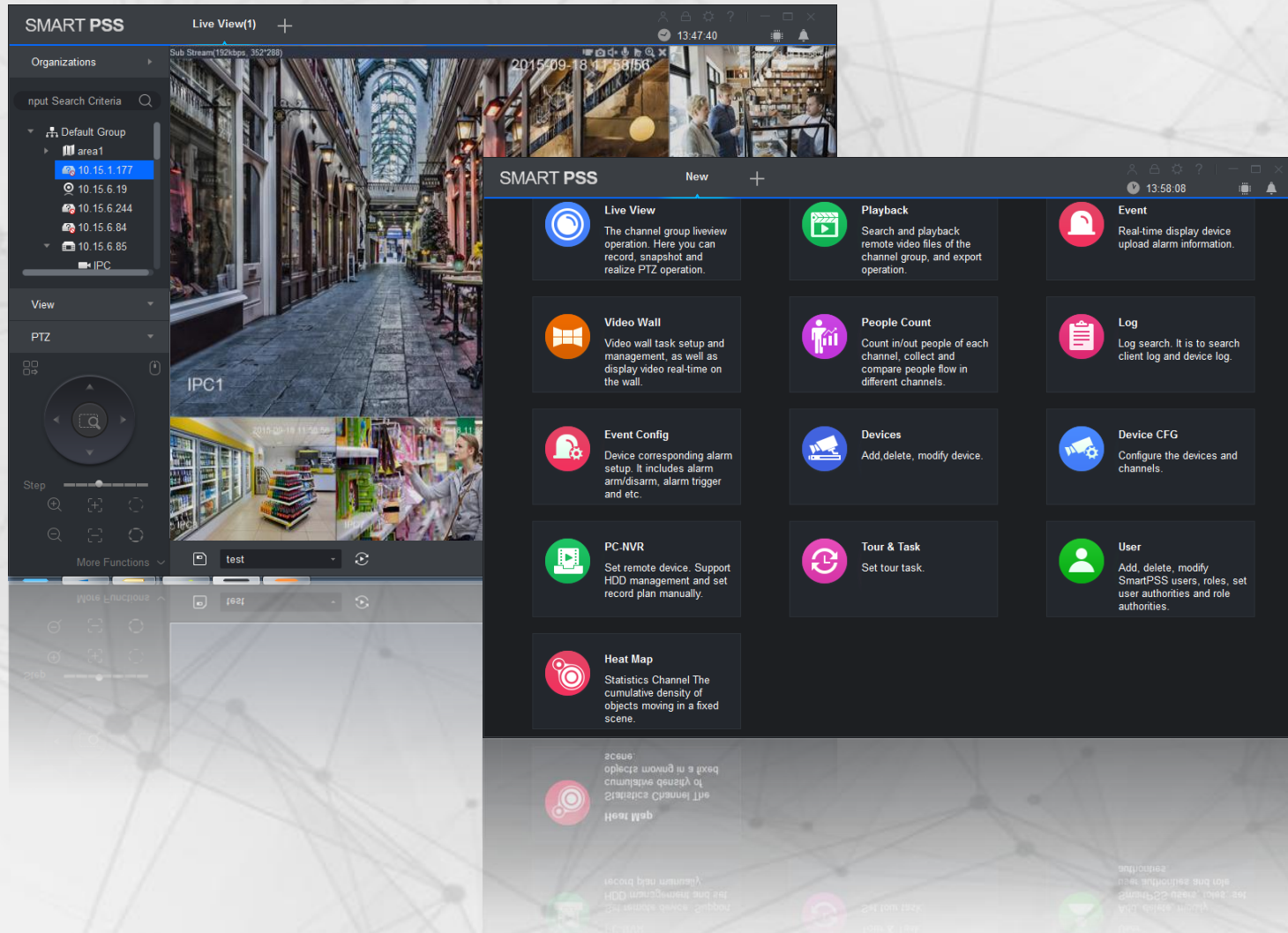
- Level A
- Level B
- Level C

- New audio NR level options



- Default preview stream setup





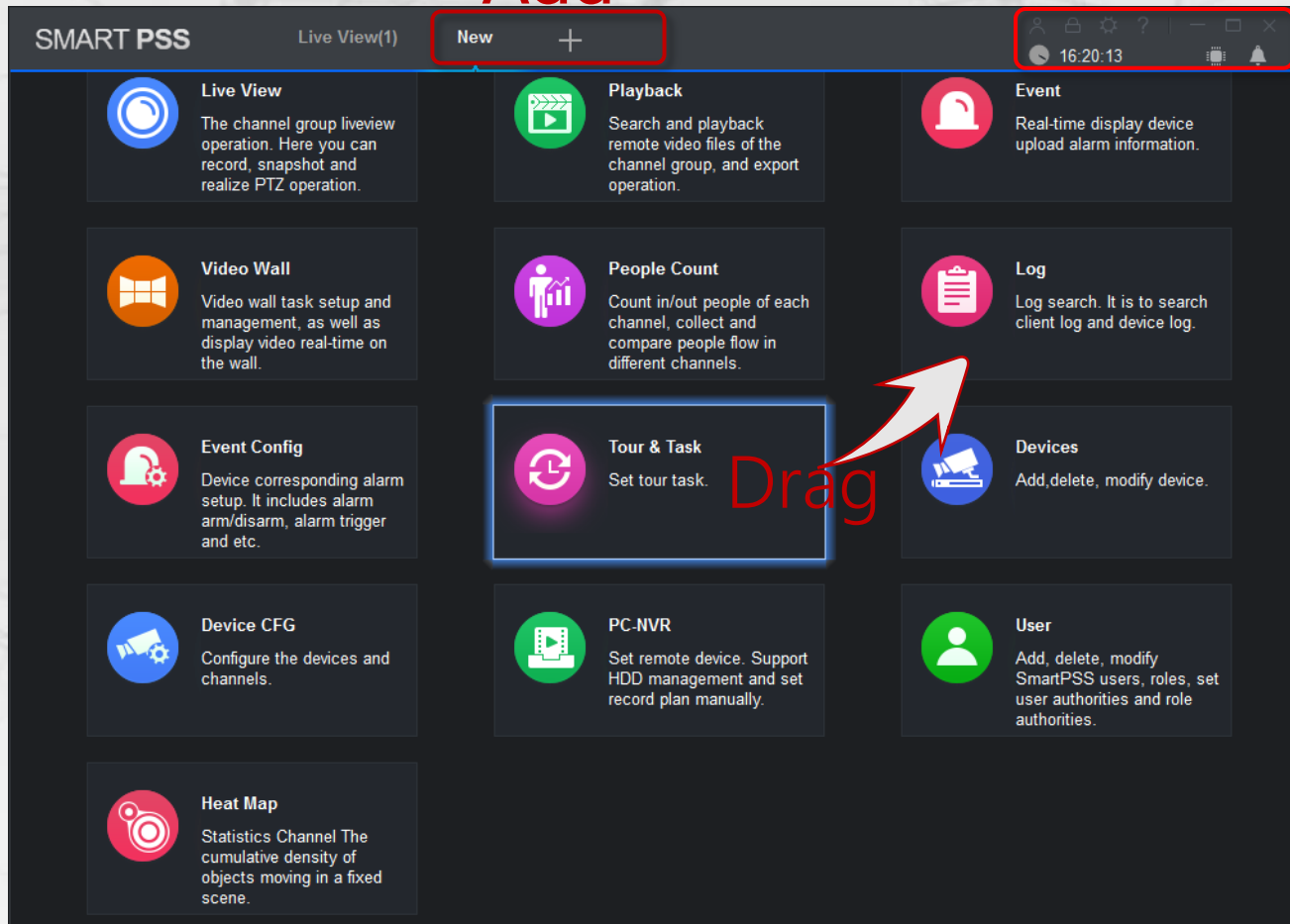
▶ New Features

▶ Functionalities

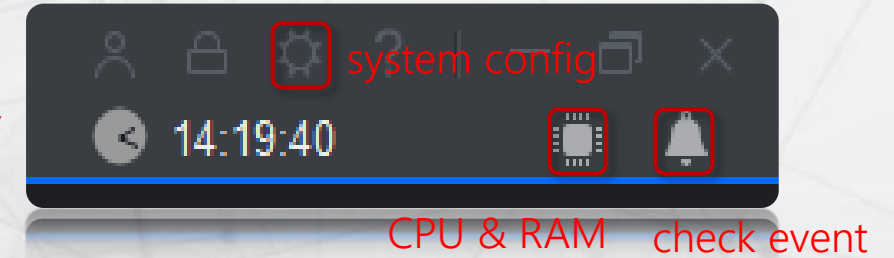
▶ Specification

# Functions page

Add



Drag



- Drag to change the arrangement
- Open a new function page
- Check the *CPU & RAM*
- Show the time which is same to the PC
- New *system config* change to the top-right corner

# System Config

The screenshot shows the 'System Config' window with the 'Base' tab selected. The left sidebar lists various configuration categories. The main area contains settings for 'Base', 'Live View', 'Playback', and 'Device'. Red boxes highlight specific settings: 'Initial page: Resume last page', 'Resume last preview' checkbox, and 'Device login user: admin'.

**System Config**

**Base**

Initial page: Resume last page

Maximum behaviour: ☐ Full screen ☒ Maximum window

Minimum behaviour: ☒ Show floating window

Default video scale: ☒ Original ☐ Expanding

Default device tree: Region Tree(By Channel)

Active after restart. Used for liveview, playback, and video wall.

**Live View**

Instantly replay time: 5minutes

☒ Resume last preview

**Playback**

☐ Save device tree selection

**Device**

☐ Show device channel number

☒ Auto login device

☒ Auto fill user and key

Device login user: admin

Device login key: .....

Apply Save Cancel

This is a partial screenshot of the 'System Config' window, showing the bottom portion of the 'Base' tab settings, including the 'Device login key' field and the 'Apply', 'Save', and 'Cancel' buttons.

The screenshot shows the 'System Config' window with the 'File Path' and 'Backup/Restore' tabs selected. The left sidebar is visible. The main area contains settings for 'File Path' and 'Backup/Restore'. Red boxes highlight the 'Backup/Restore' section, which includes 'Backup' and 'Restore' buttons.

**System Config**

**File Path**

Pic path: Surveillance System/SmartPSS/Capture

Record path: I Surveillance System/SmartPSS/Record

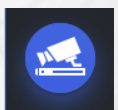
**Backup/Restore**

Backup Restore

Apply Save Cancel

This is a partial screenshot of the 'System Config' window, showing the bottom portion of the 'File Path' and 'Backup/Restore' tabs, including the 'Backup' and 'Restore' buttons and the 'Apply', 'Save', and 'Cancel' buttons.

- Full screen or Window maximization
- Resume the last preview/page
- Set the default ratio of the video
- System config backup & restoration
- Auto fill user and password of the device, enable auto login when users add device



# Device management

SMART PSS

Devices +

15:41:52

Search + Add Delete Import Export

All Devices: 4 Online Devices: 4

All Device Encode Device

No.	Name	IP/Domain Name	Type	Model	Port	Channel Number	Online Status	SN	Operation
1	1-0-0	10.15.6.82	NVS	ARC6416	40008	4/0/16/4	Online	1L0150DYAQ00003	
2	10.15.6.19	10.15.6.19	IPC	IPC-HF8...	37777	1/0/2/2	Online	00:12:34:56:79:9a	
3	10.15.6.85	10.15.6.85	NVR	DH-NVR...	40009	8/0/4/2	Online	2E03EBCPAZA40D3	
4	PCNVR	10.18.116.171	PC-NVR	PC-NVR...	37777	32/0/0/0	Online	N/A	

Auto Search

Device Segment: 10.18.116.0 - 10.18.116.255 Search

Refresh IP Modify IP Search Device Number:

No.	IP	Type	Mac	Port
-----	----	------	-----	------

Modify the device IP

New IP \*

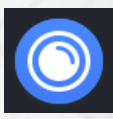
SubMask \*

Gateway \*

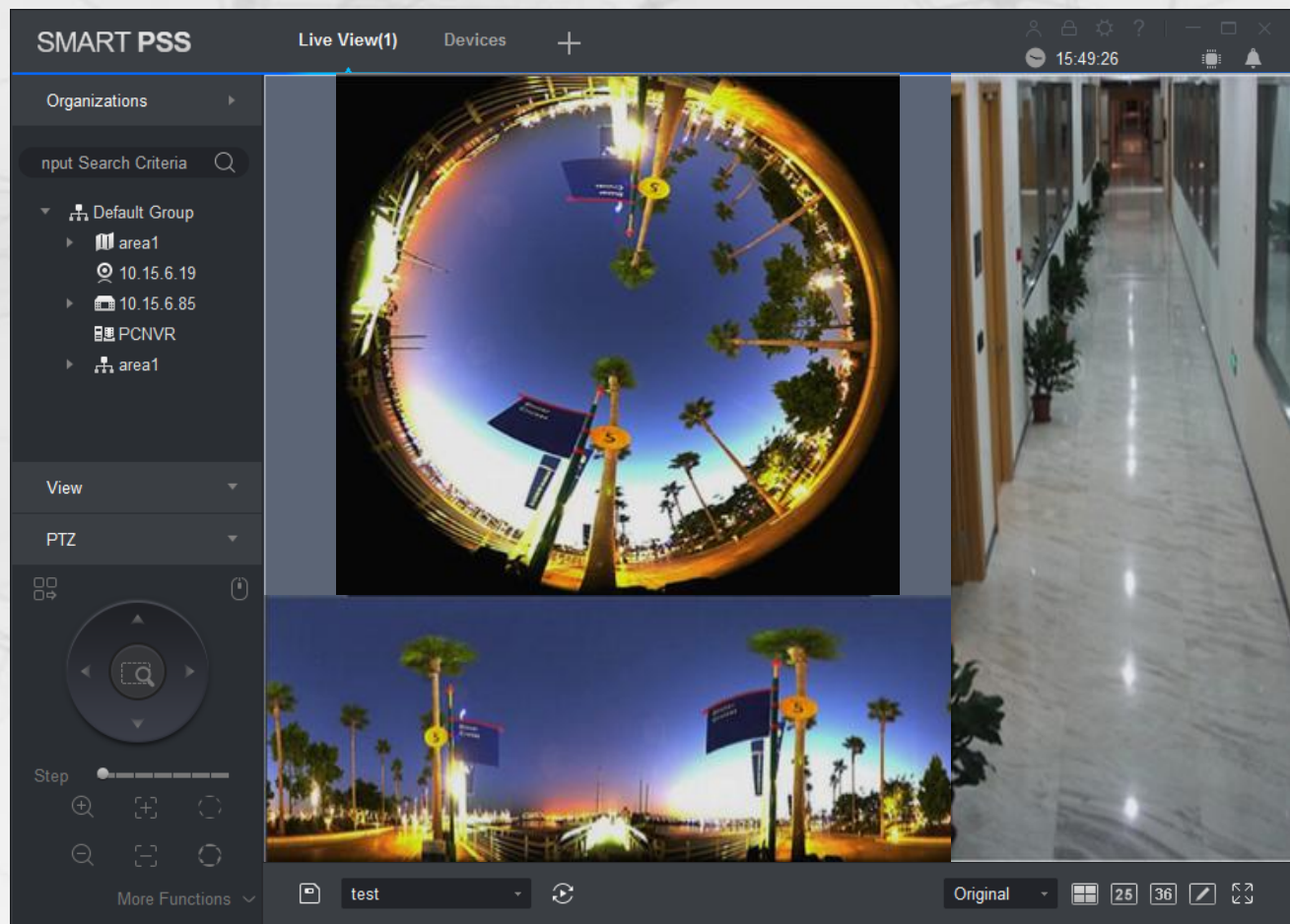
Save Cancel

- Auto find & add devices in specific network segment range of 255.
- Add device manually by:
  - IP address
  - DDNS domain
  - P2P
- Import & Export devices to share devices on multiple clients
- Check & Export status of online devices, connection, etc.
- Modify IP of the devices searched, Batch or Manual

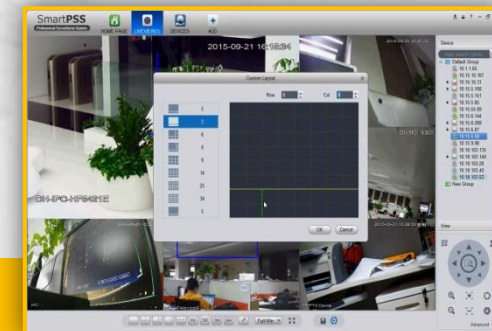




# Custom Layout



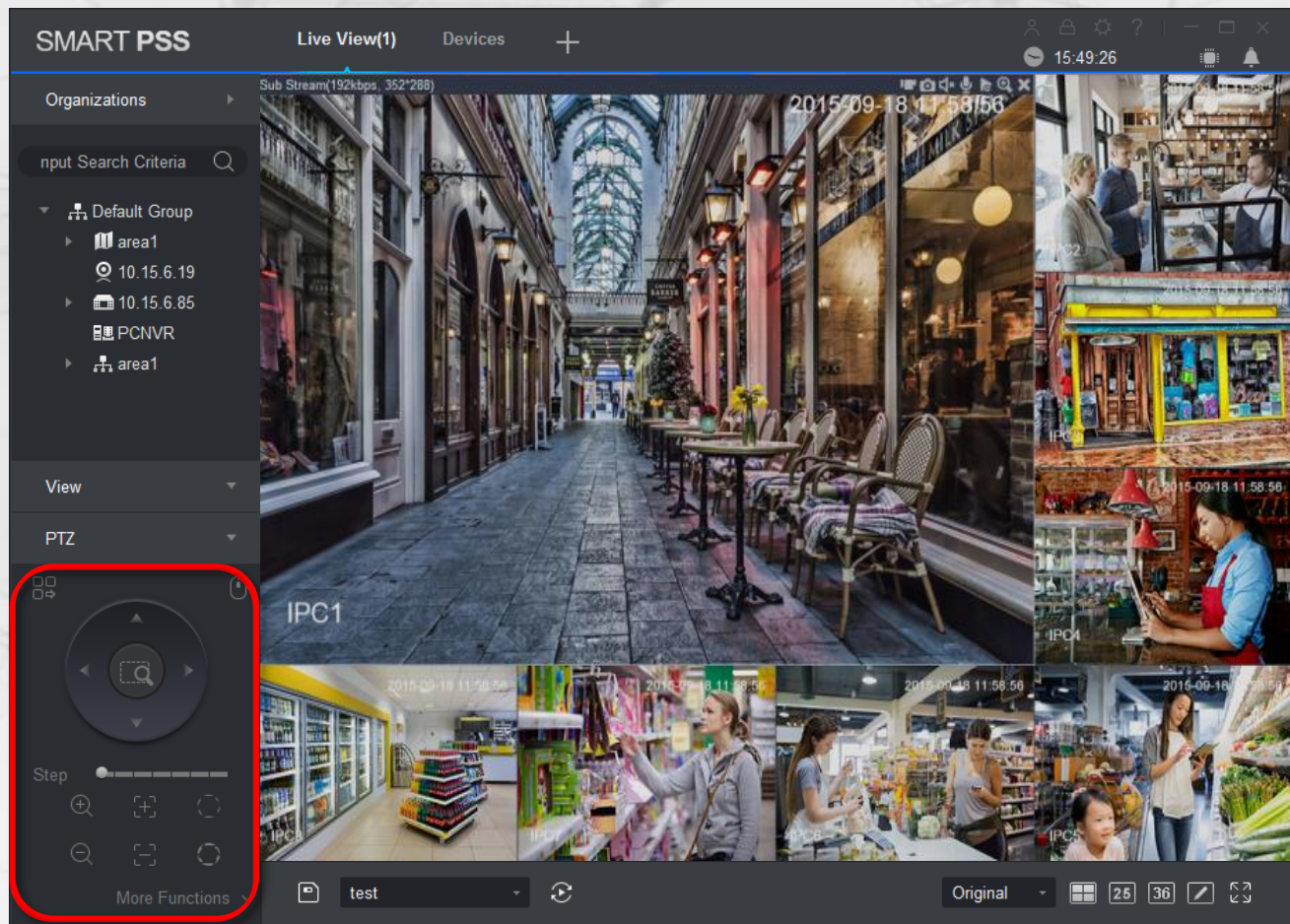
- Custom layouts to fit various monitor scenes
- Adjust videos with different aspect ratios: 4:3, 16:9, full-screen, etc.
- Save custom views for tour & reuse.



WATCH VIDEO



# PTZ Control

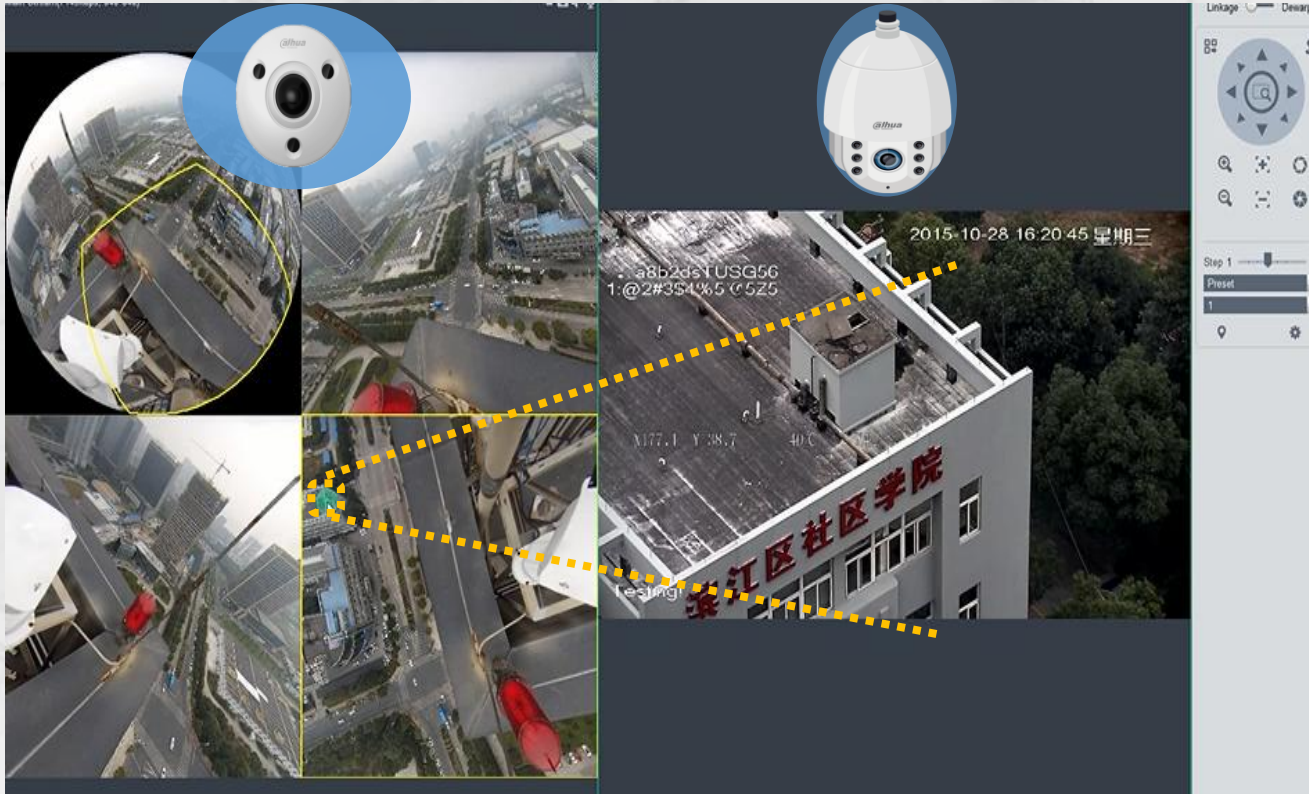


- PTZ camera control
  - Control PTZ with arrow button
  - Zoom in/out
  - Control PTZ with mouse on the preview window
  - Set preset, Tour, etc.



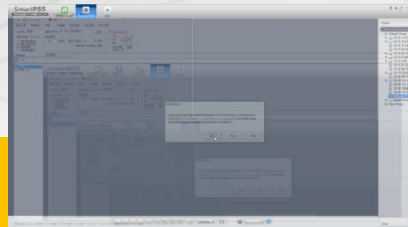
# Smart Track

Link a fish eye and speed dome

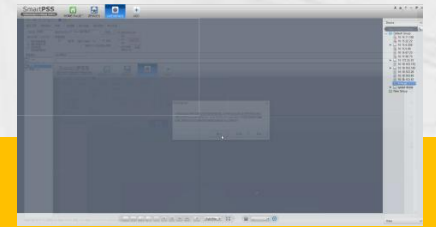


- Link a fish eye and speed dome(s)
  - Overview image of fish eye camera
  - Regional details from speed dome
  - Point and track by manual
  - Precise and fast
  - Simple calibration

Calibration

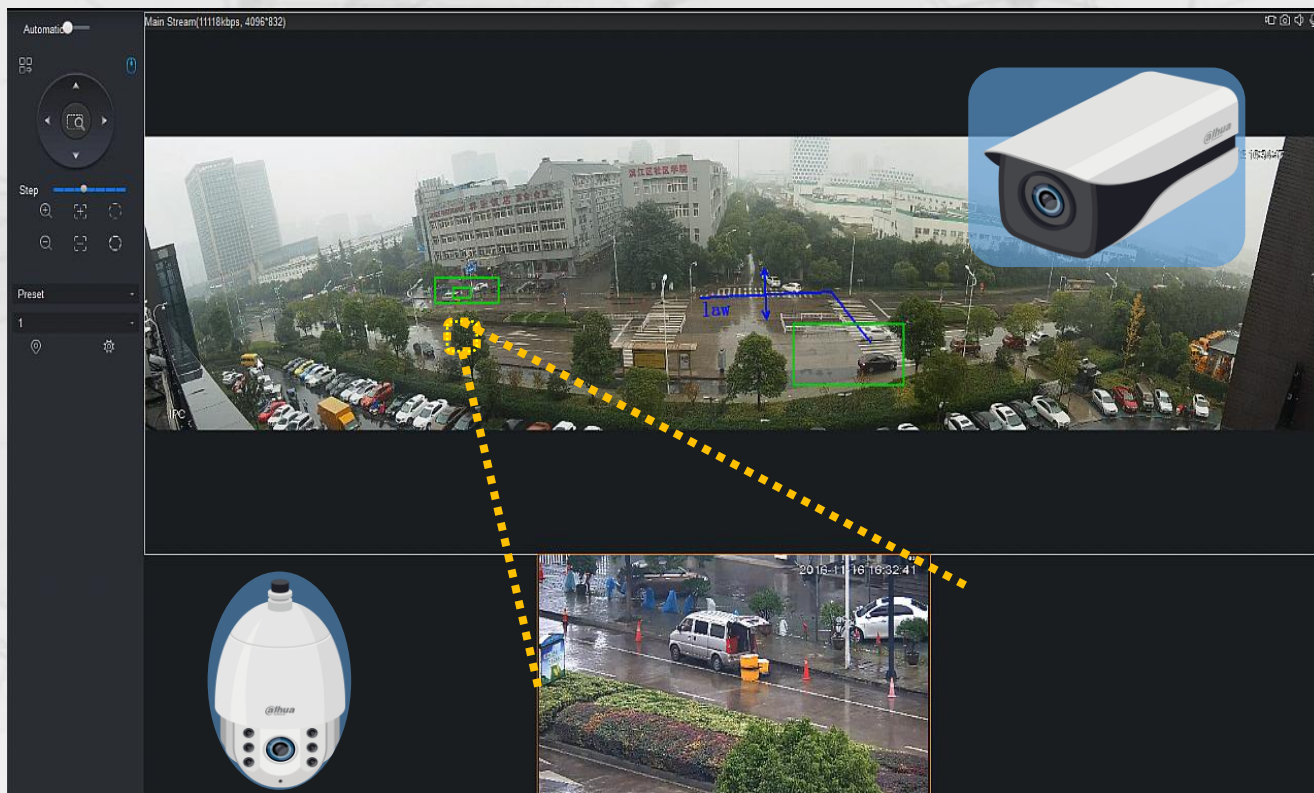


Operation

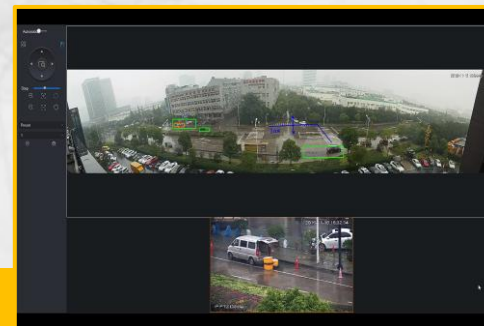


# Smart Track

Link a bullet and speed dome



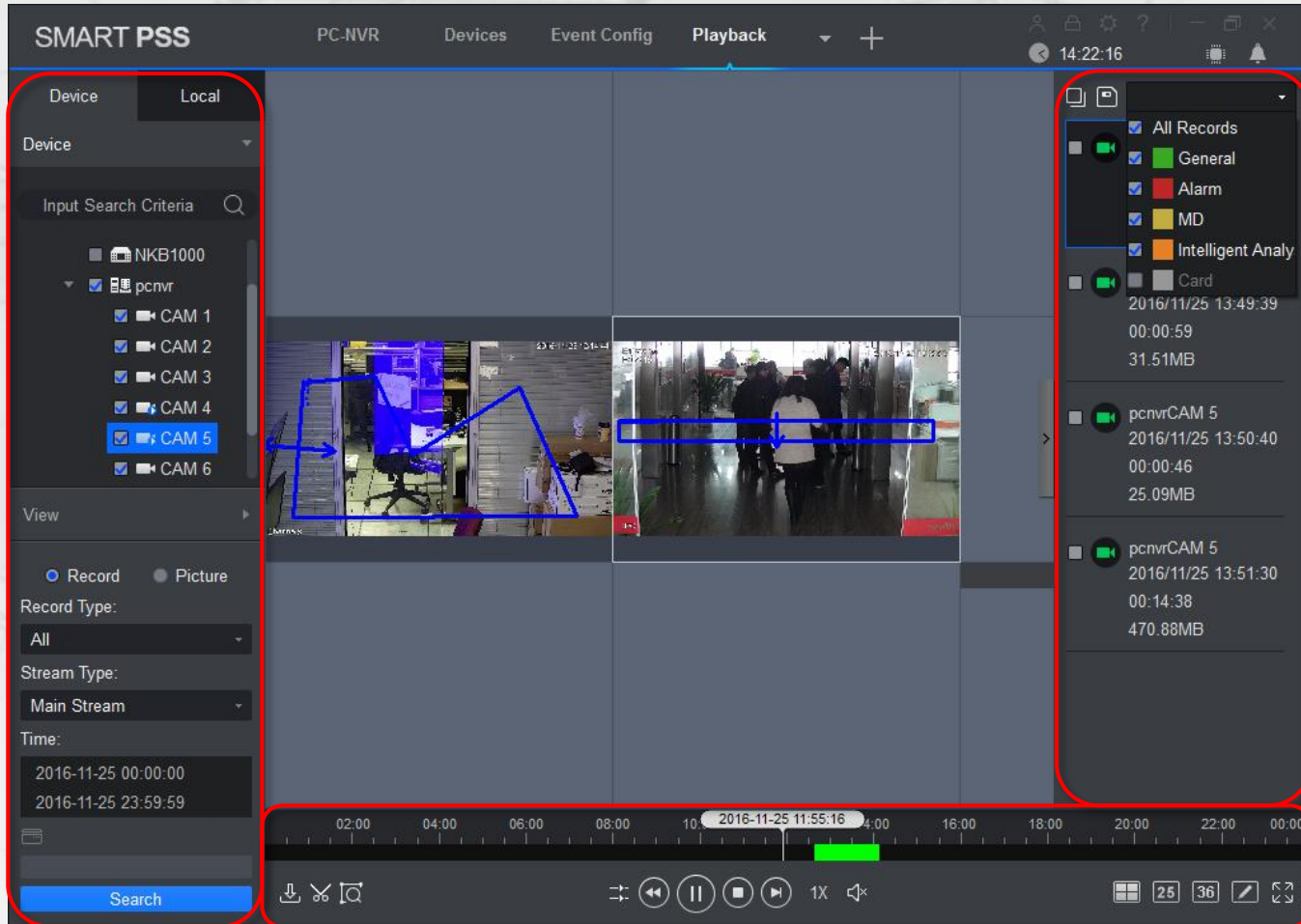
- Link a bullet and speed dome
  - Overview image of bullet camera
  - Regional details from speed dome
  - Point and track by manual
  - IVS track automatically
  - Precise and fast
  - Simple calibration



Calibration



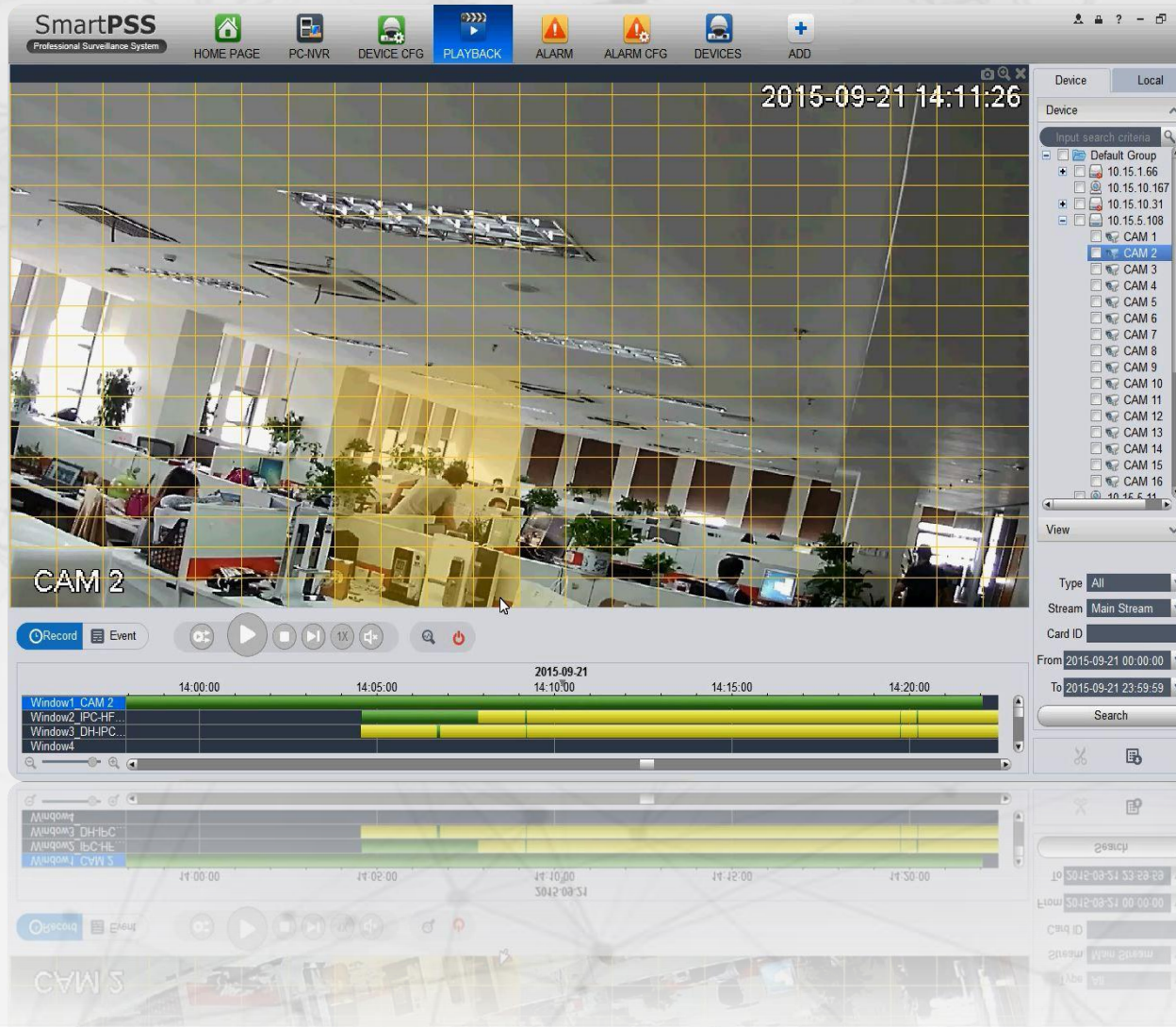
# Playback



- New device video file list which support filtering video types
- Add local video and image file, the file display support thumbnail and list
- Picture play supports automatically play next, also supports full-screen play
- Support reverse play, single frame backward
- Add the intelligent recording type in search recording type

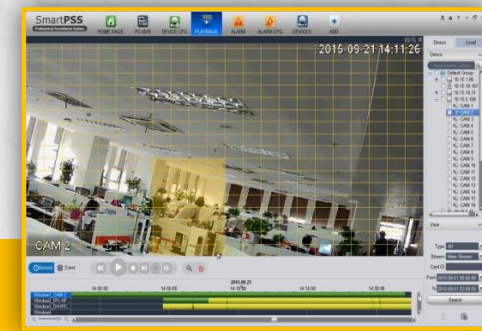


# Smart Search



- When you spot an area of interest, click to jump to playback of the corresponding motion detection video fragment.

WATCH VIDEO







# Face Detection



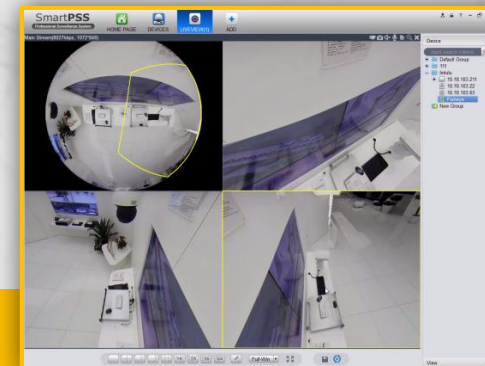
- Support face capture of ultra-smart IPC.
- You can check face snapshot in LOG interface.



# Fish Eye Dewarping



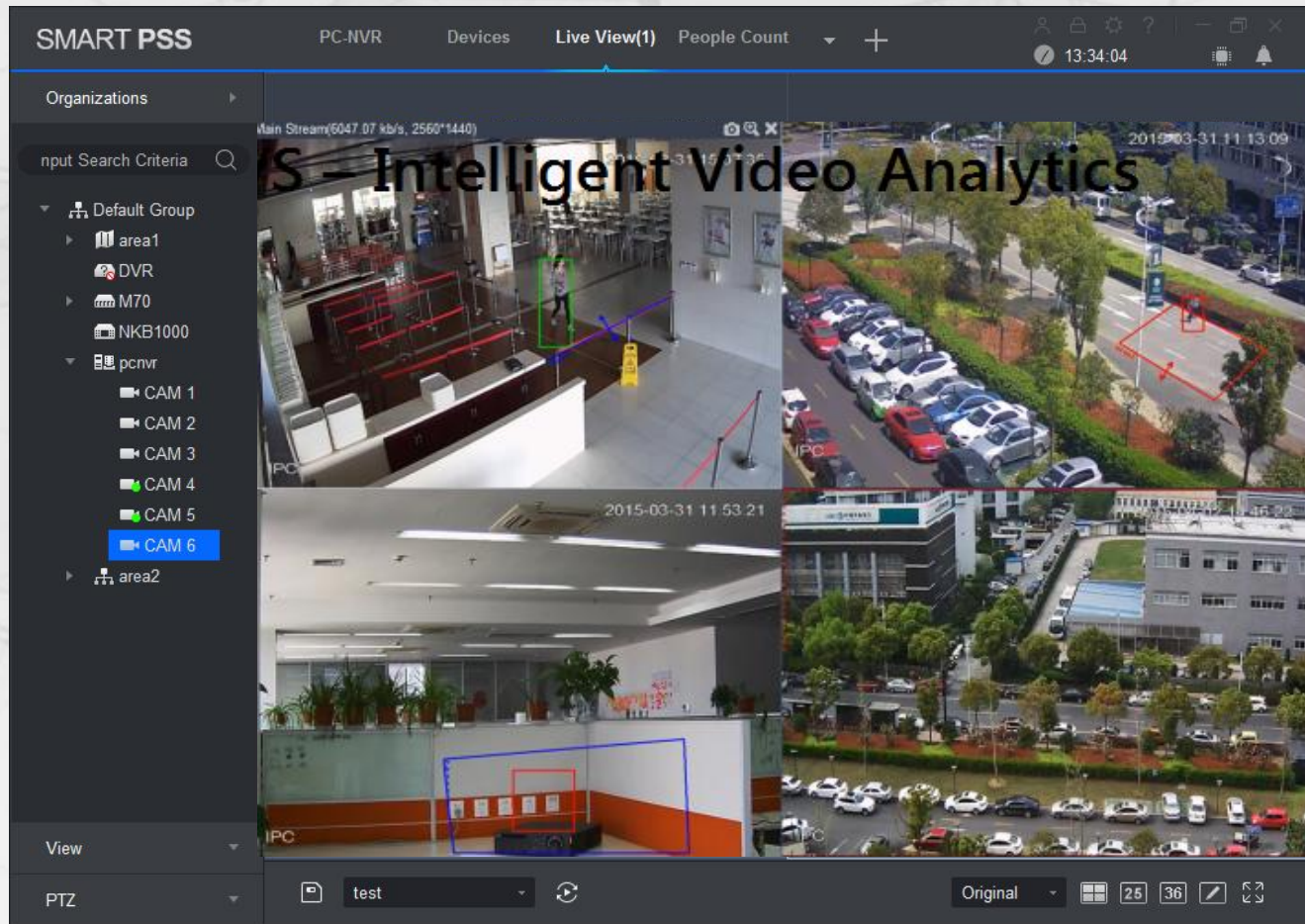
- Support fisheye dewarp of fisheye camera in preview and playback.
- Support three installation modes: ceiling mounted, wall mounted and ground mounted for fisheye Camera.
- Support 8 kinds of dewarping view.



WATCH VIDEO



# IVS – Intelligent Video Analytics



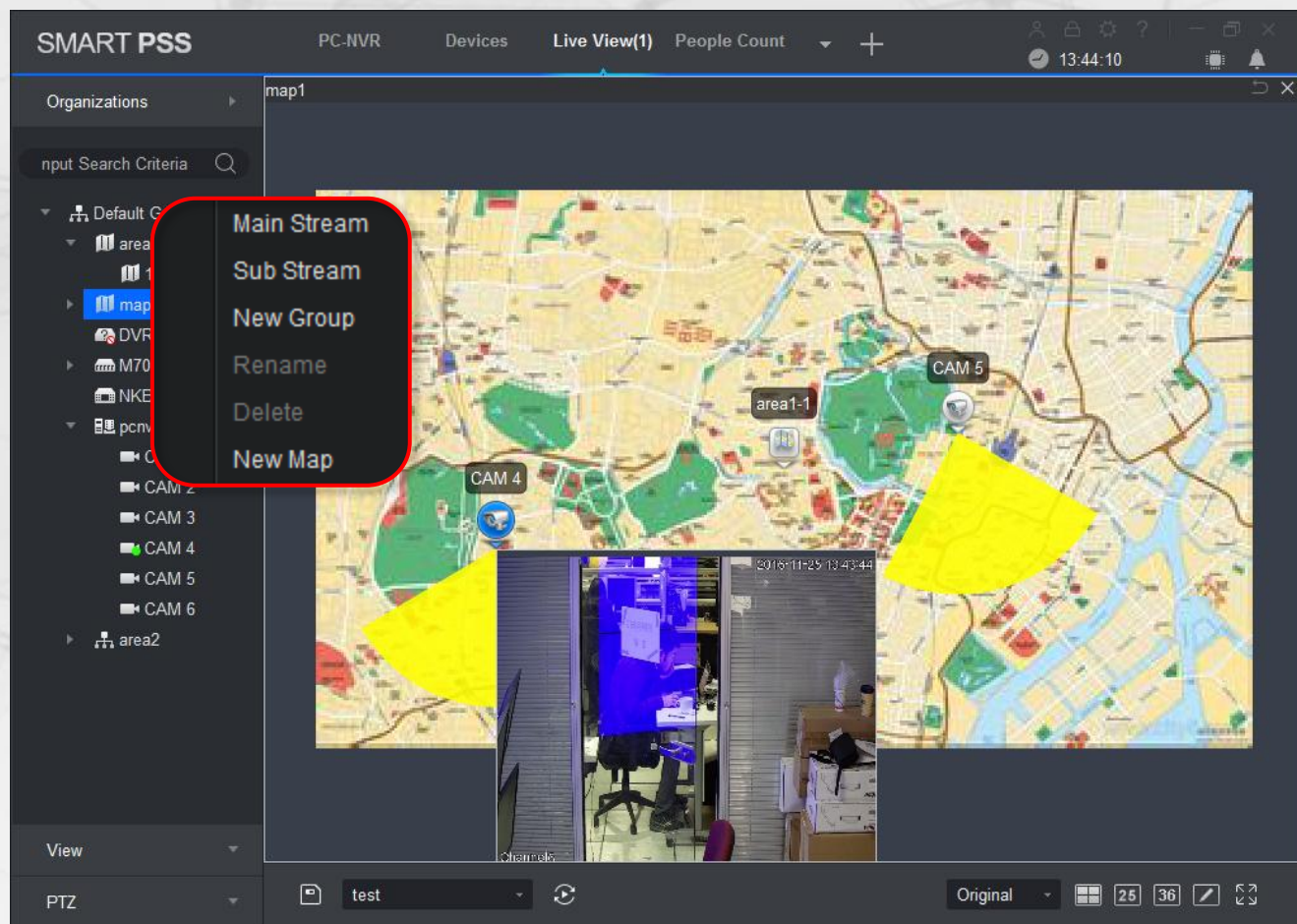
- Interactive configuration of IVS tools :Tripwire, Intrusion, Abandon Detection and Scene Change
- Display real-time IVS event detection



WATCH VIDEO

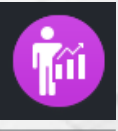


# Map – Link Geo Info

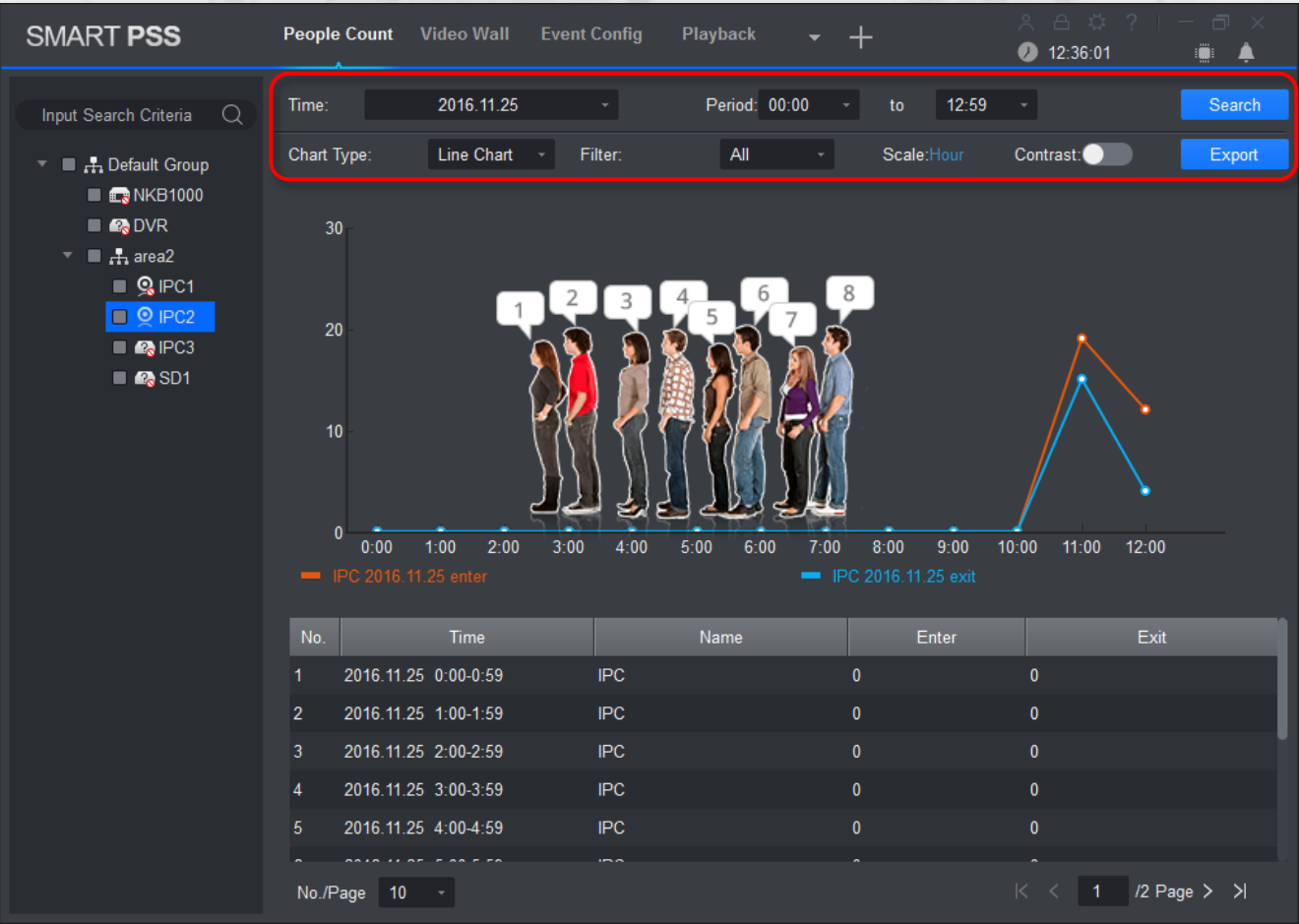


- Levels Maps – One large map and multiple small areas.
- Set cameras and their locations on map.
- When a channel has an alarm attached to it, the icon of camera will turn red.



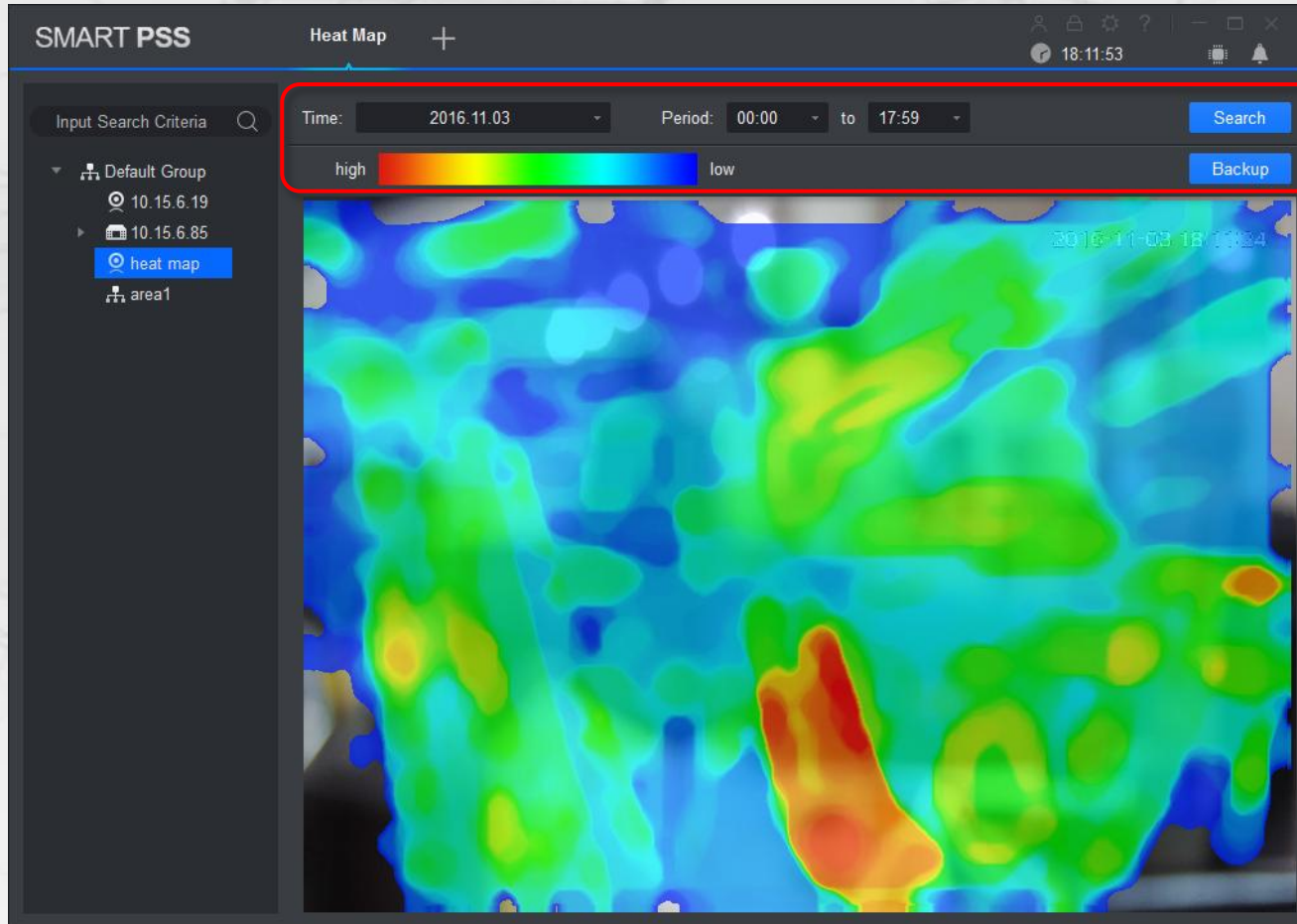


# People Counting



- Retrieve people counting data from supported cameras.
- Support search counting data in various criteria.
- Data can be displayed in Line Chart view or Bar Chart.
- Each direction statistics can be viewed separately.

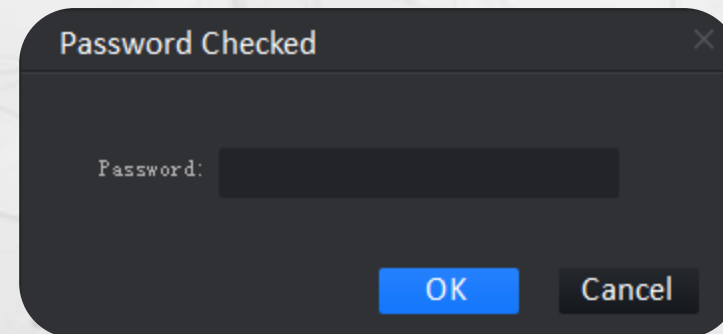
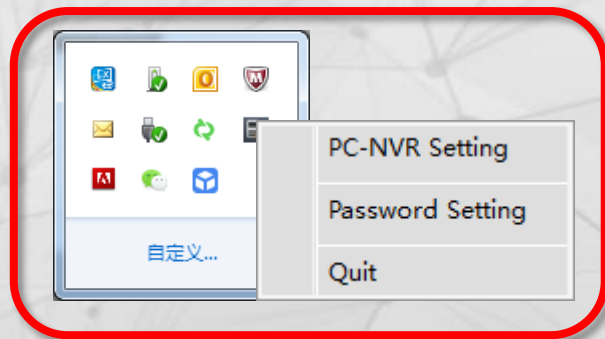
# Heat Map



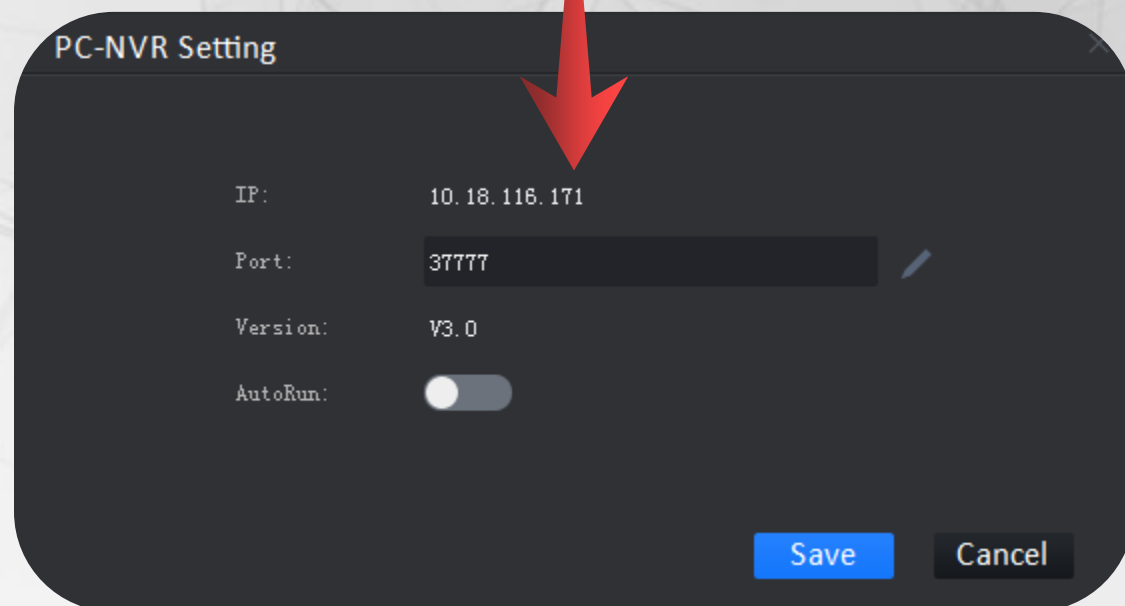
- Show the high or low popularity area
- Support backup & search



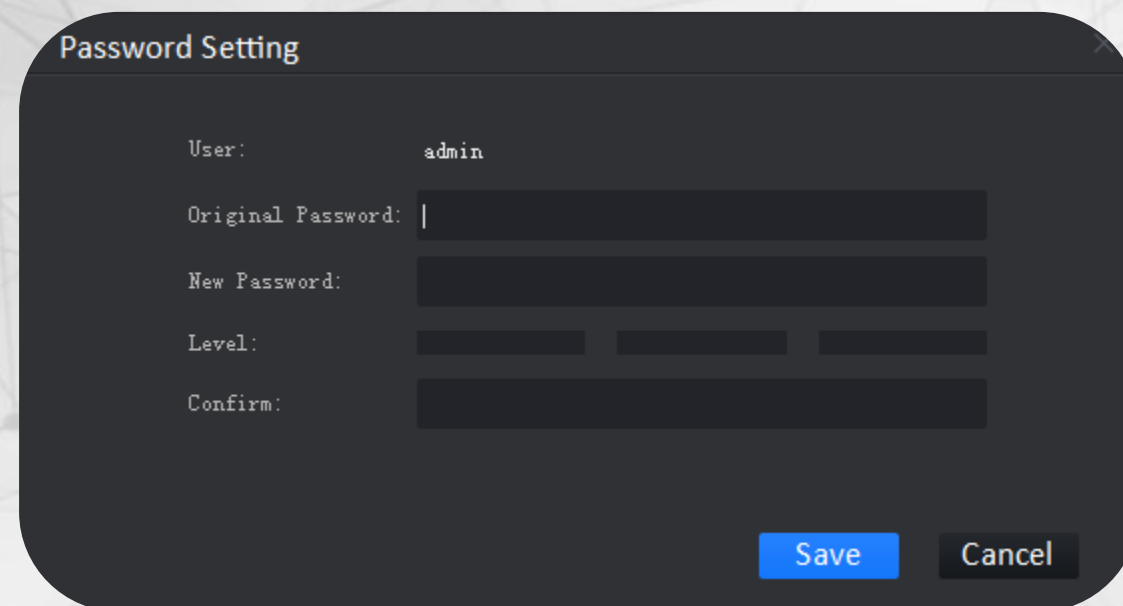
# PC - NVR



Check the password now if we want to quit the PC-NVR



support to modify port



Support to modify admin password

# PC - NVR

The screenshot displays the SMART PSS PC-NVR interface. The top navigation bar includes 'SMART PSS', 'PC-NVR', 'Video Wall', and 'Heat Map'. The main content area is divided into a left sidebar and a central panel. The sidebar contains 'HDD', 'Channel management', 'Record Plan', and 'Version'. The central panel shows the configuration for a specific channel (1/32). A red box highlights the recording settings section, which includes: 'Channel: heat map\_CAM 1', 'Stream Type: Main Stream' (with a dropdown menu showing 'Main Stream' and 'Sub Stream'), 'Pre-recorded: 4 Seconds (0-30s)', and 'Delayed recording: 10 Sec (10-100s)'. Below these settings is a recording plan grid with columns for days of the week (Sun-Sat) and hours (0-24). The grid shows green bars indicating recording periods. At the bottom of the grid are buttons for 'Copy to', 'Default', and 'Save'.

SMART PSS PC-NVR Video Wall Heat Map + 18:20:54

Name: PCNVR IP: 10.18.116.171 Port: 37777 Status: Online Channel: 1/32

Channel: heat map\_CAM 1 Stream Type: Main Stream Pre-recorded: 4 Seconds (0-30s) Delayed recording: 10 Sec (10-100s)

Main Stream Sub Stream

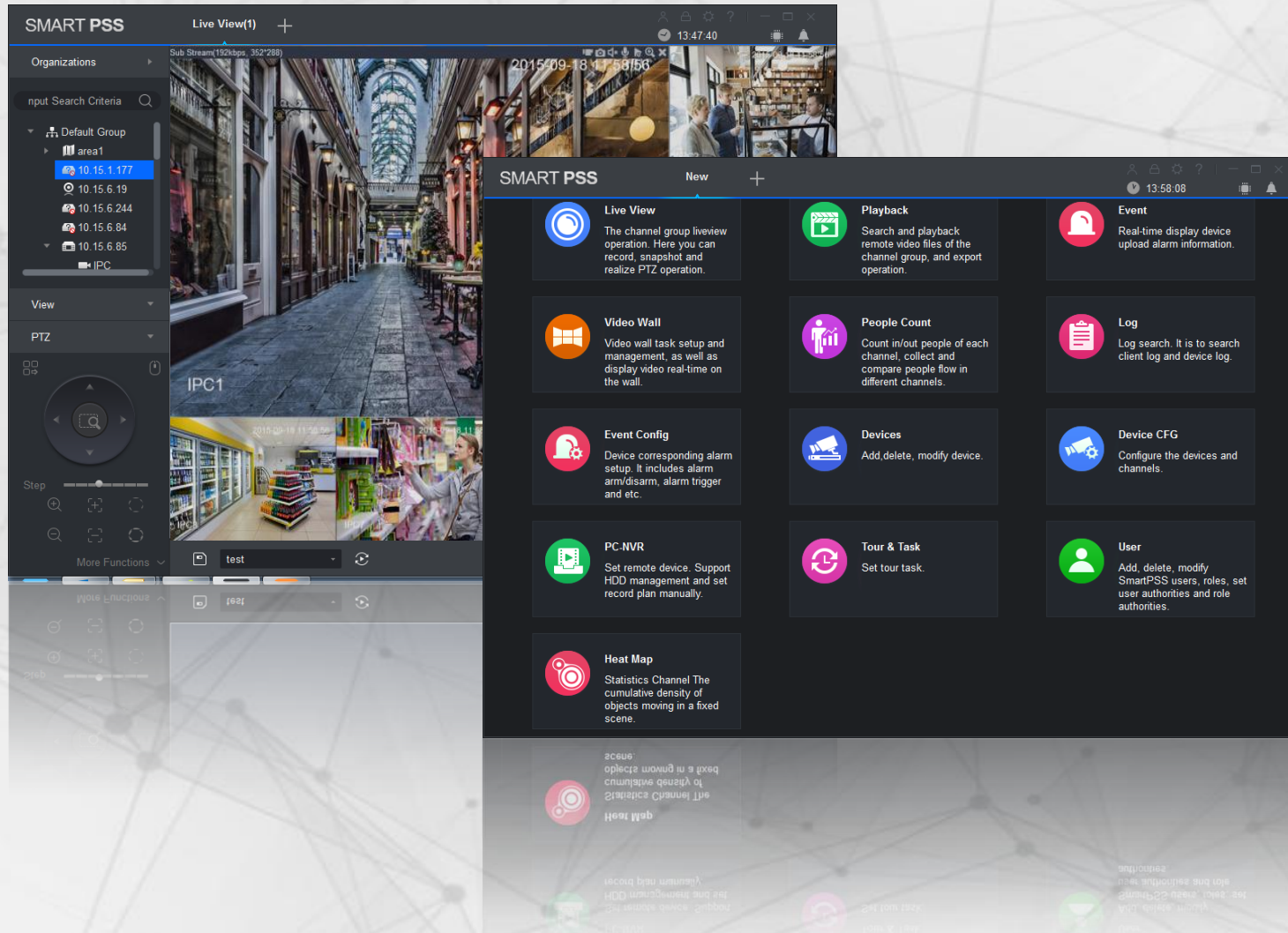
☒ Regular ☐ MD ☐ Alarm ☐ MD&Alarm ☐ Smart

Week 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Sun Mon Tue Wed Thu Fri Sat

Copy to Default Save

- Choose recording stream type
- Main stream or sub stream
- Set intelligent recording plan
- Set pre-recorded/delayed time



▶ New Features

▶ Functionalities

▶ Specification



# SmartPSS

## Specification

Devices & Users Video	Supported Devices	DVR, NVR, IPC, NVS, Video Wall Controller, NKB, VDP
	Max. Management Devices	256
	Max. Management Channels	2000
	Max. number of Users	50
	Compression Format	H.265/H.264/MPEG-4/JPEG
	Display Resolution	up to 4000 x 3000
Live Preview	Video Display Split	1/4/6/8/9/16/25/36 or customized split for Mac, up to 64 for Windows
	Max. Preview Screen	4
	Max. Views	256
	Features	Snapshot, E-PTZ, Audio, Record, Talk, Instant playback, Tour task, View, Fisheye dewarp, IVS, Stream control, Optional video scale
Playback	Max. Channels	36
	Max. Task of Export	10 once
	Features	Snapshot, E-PTZ, Audio, Speed 1/8x~8x, Synchronization playback, POS, Fisheye dewarp, IVS, Faster/Slower play, Optional video scale
Recoding	PC-NVR	32 Channels

# Thank you



Smart PSS

