

Smart PSS

Dahua Vision Technology



- ▶ Introduction
- ▶ Features
- ▶ Specification

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.



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Usability



Functionality

Features of Usability



Device Management

SmartPSS Professional Surveillance System

HOME PAGE DEVICES ADD

Online Devices: 30

Device Network Section: 10.18.103.0 - 10.18.103.255 Search

| All | IP | Type | Mac | Port |
|-------------------------------------|-----------------|-----------------------|-------------------|-------|
| <input type="checkbox"/> | 19 10.18.103.59 | DH-NVR608-128-4K | 4c:11:bf:1a:13:c2 | 37777 |
| <input type="checkbox"/> | 20 10.18.103.6 | IPC-HF8530E | 4c:11:bf:99:a5:a1 | 37777 |
| <input type="checkbox"/> | 21 10.18.103.62 | DH-SD-32D203S-HN | 90:02:a9:30:24:6e | 37777 |
| <input checked="" type="checkbox"/> | 22 10.18.103.64 | IP Camera | 90:02:a9:42:a5:94 | 37777 |
| <input type="checkbox"/> | 23 10.18.103.65 | IPC-HDB5200 | 90:02:a9:1c:d8:c8 | 37777 |
| <input type="checkbox"/> | 24 10.18.103.66 | IPC-HDB3202 | 90:02:a9:1c:e3:e3 | 37777 |
| <input type="checkbox"/> | 25 10.18.103.67 | IPC-HF8530E | 4c:11:bf:99:a5:a5 | 37777 |
| <input type="checkbox"/> | 26 10.18.103.7 | DH-IPC-HFW5200EP-Z12H | 90:02:a9:42:3b:37 | 37777 |
| <input type="checkbox"/> | 27 10.18.103.75 | DH-NVR608-128-4K | 90:02:a9:b9:fd:a9 | 37777 |
| <input type="checkbox"/> | 28 10.18.103.85 | IPC-HF5281-I | 90:02:a9:51:d4:ac | 37777 |
| <input type="checkbox"/> | 29 10.18.103.9 | DH-TPC-SD5600 | 90:02:a9:42:9f:75 | 37777 |

Refresh Add Clear

All Devices: 11 Online: 10

| All | Name | Type | IP/Domain Name | Port | Channel No. | Status | SN | Operation |
|-------------------------------------|-----------------|----------|----------------|-------|-------------|----------------------------------|------------------|-----------|
| <input type="checkbox"/> | 1 10.18.103.140 | DVR | 10.18.103.140 | 37777 | 32/0/16/6 | Online | PA3EF05100190 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 2 10.1.1.65 | IPC | 10.1.1.65 | 37777 | 0/0/0/0 | Offline(Can not find network...) | | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 3 10.15.10.167 | SmartIPC | 10.15.10.167 | 37777 | 1/1/1/1 | Online | PZC4EW138W00588 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 4 10.15.5.88 | DVR | 10.15.5.88 | 37777 | 8/1/0/0 | Online | 1A002C8YAAQ00008 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 5 10.15.5.151 | SmartIPC | 10.15.5.151 | 37777 | 1/0/2/1 | Online | 1A004AFPAW00041 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 6 10.15.5.108 | DVR | 10.15.5.108 | 37777 | 16/1/0/0 | Online | 1A00015YAZD54J3 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 7 10.18.103.135 | IPC | 10.18.103.135 | 37777 | 1/0/1/1 | Online | PZC3GW02000085 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 8 10.18.103.40 | SmartIPC | 10.18.103.40 | 37777 | 1/0/2/1 | Online | YGC4JZ033W00014 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 9 10.18.103.47 | SmartIPC | 10.18.103.47 | 37777 | 1/0/2/1 | Online | PZC4JW210V00047 | / ⚙️ 📄 ✕ |
| <input type="checkbox"/> | 10 10.18.103.28 | SmartIPC | 10.18.103.28 | 37777 | 1/0/2/1 | Online | PZC4JW210V00007 | / ⚙️ 📄 ✕ |
| <input checked="" type="checkbox"/> | 11 10.18.103.63 | SmartIPC | 10.18.103.63 | 37777 | 1/1/2/1 | Online | 1D014E0PAW00078 | / ⚙️ 📄 ✕ |

Manual Add Delete Import Export Status

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

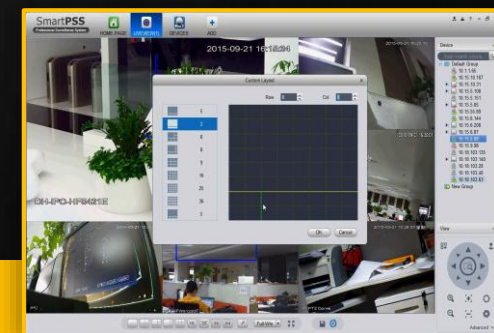
Features of Usability



Custom Layout



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

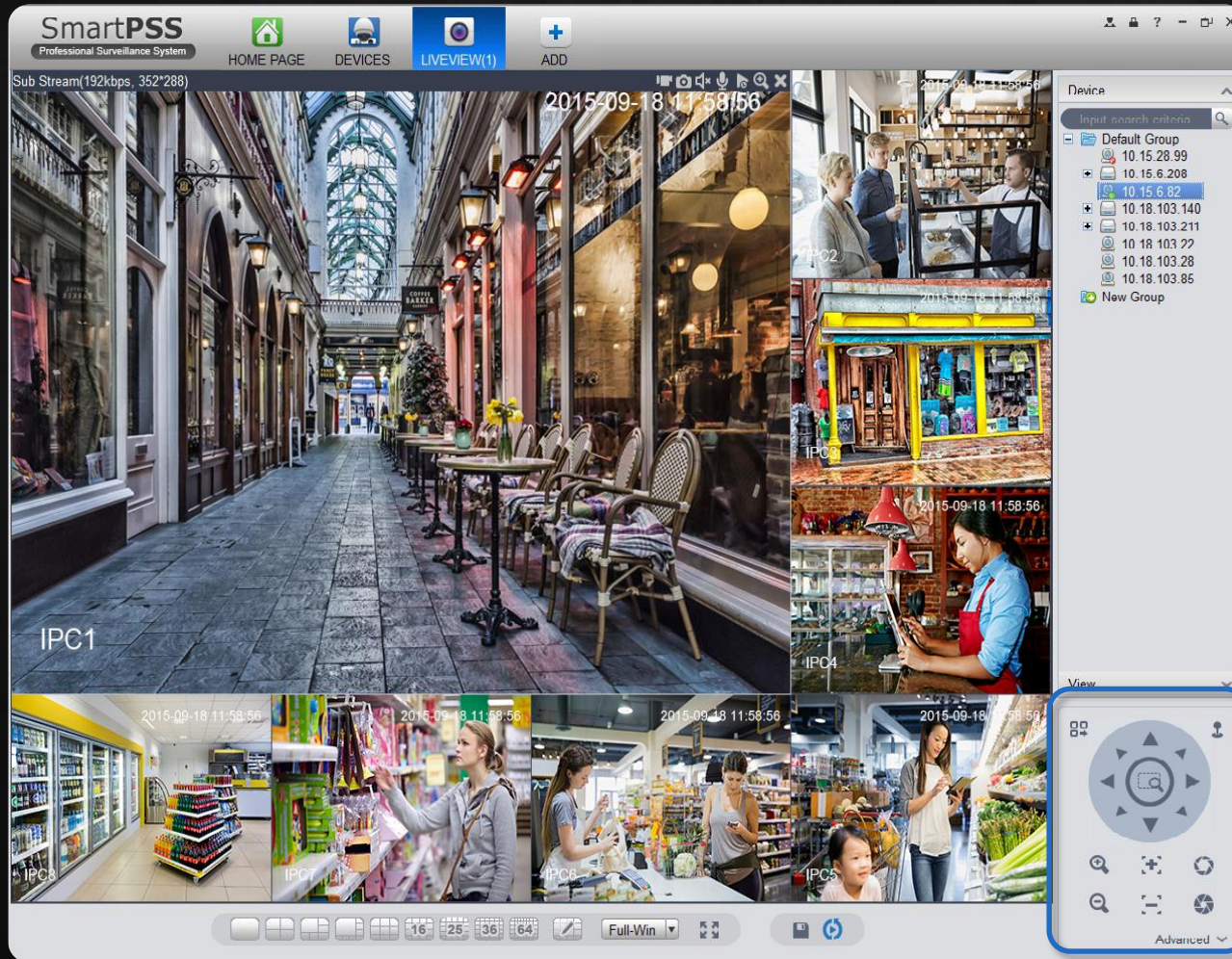


WATCH VIDEO

Features of Usability



PTZ Control



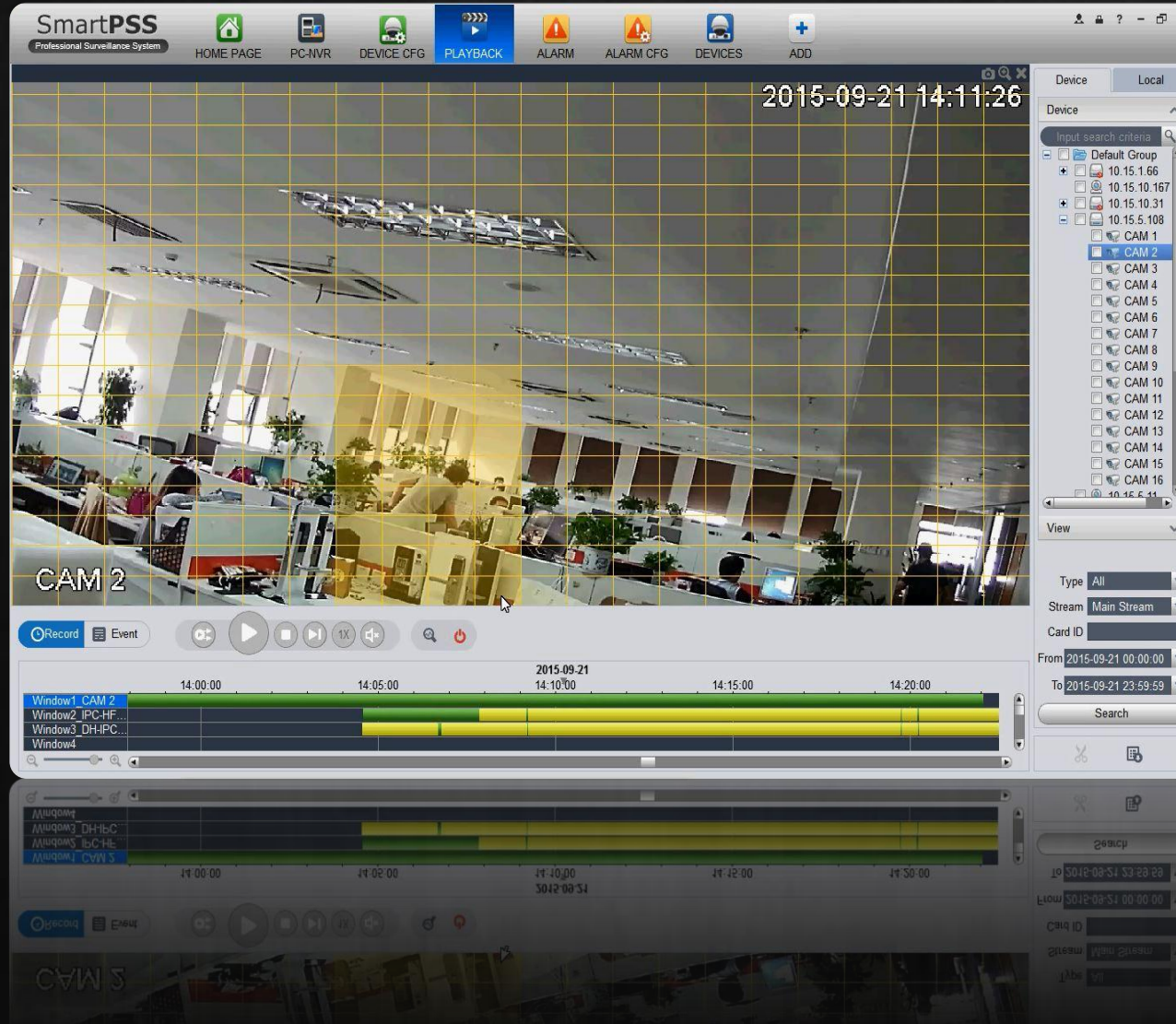
- PTZ camera control
 - Arrow button to control PTZ
 - Zoom in/out
 - Control PTZ with mouse on the preview window
 - Set preset, Tour, etc.

Features of Usability



Smart Search

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



WATCH VIDEO

Features of Usability



Face Detection

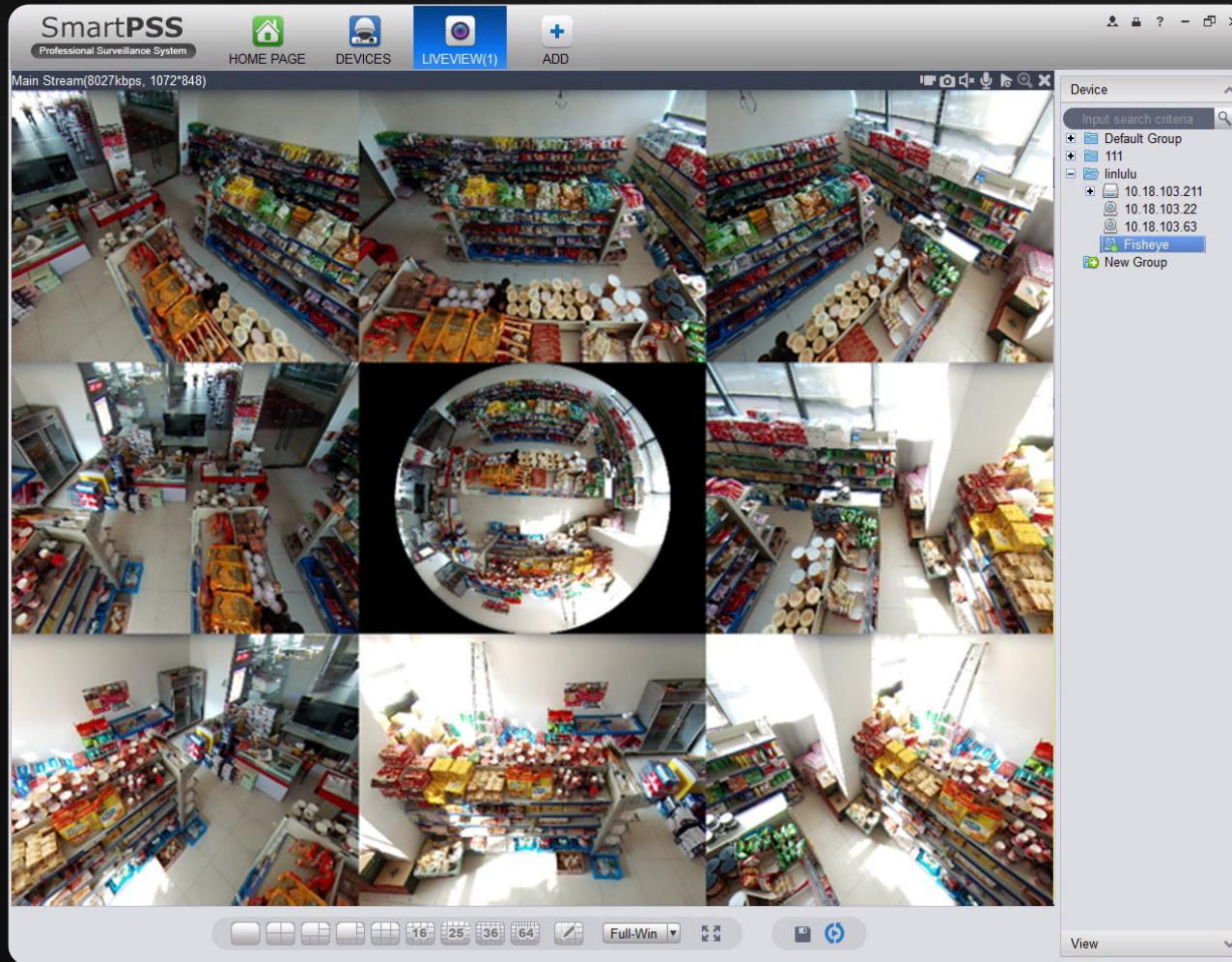


- Support face capture of ultra-smart IPC.
- You can check face snapshot in LOG interface.

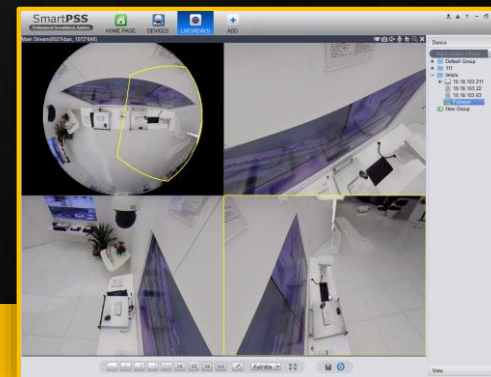
Features of Usability



Fisheye Dewarp



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

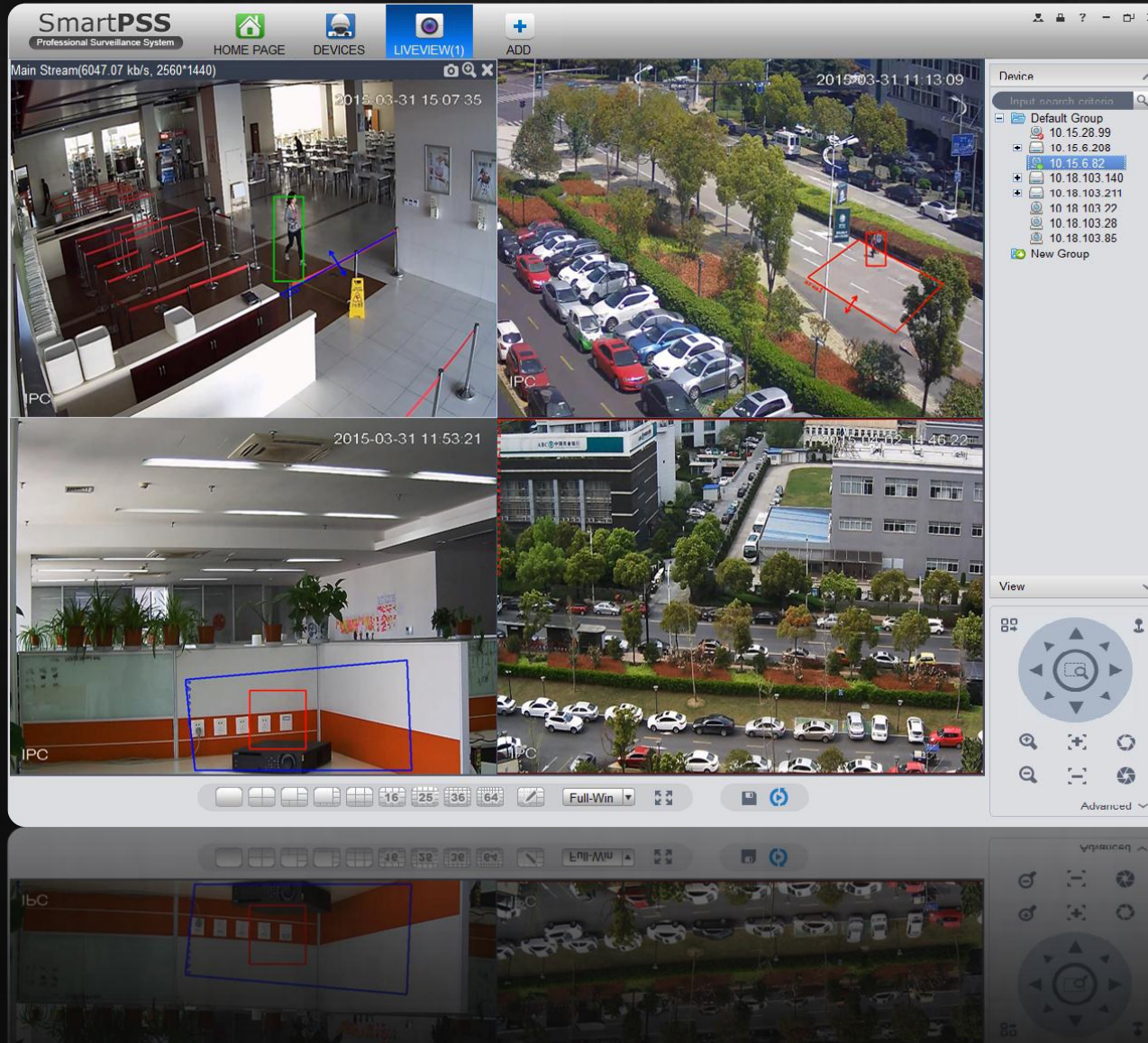


WATCH VIDEO

Features of Usability



IVS

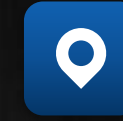


- Interactive configuration of IVS tools :Tripwire, Intrusion, Abandon Detection and Scene Change
- Display real-time IVS event detection



WATCH VIDEO

Features of Functionality



MAP



- 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.

Features of Functionality



Video Wall



- Editing of layouts for an additional monitor is performed on the main computer monitor.
- New layout is instantly switched to when saved.

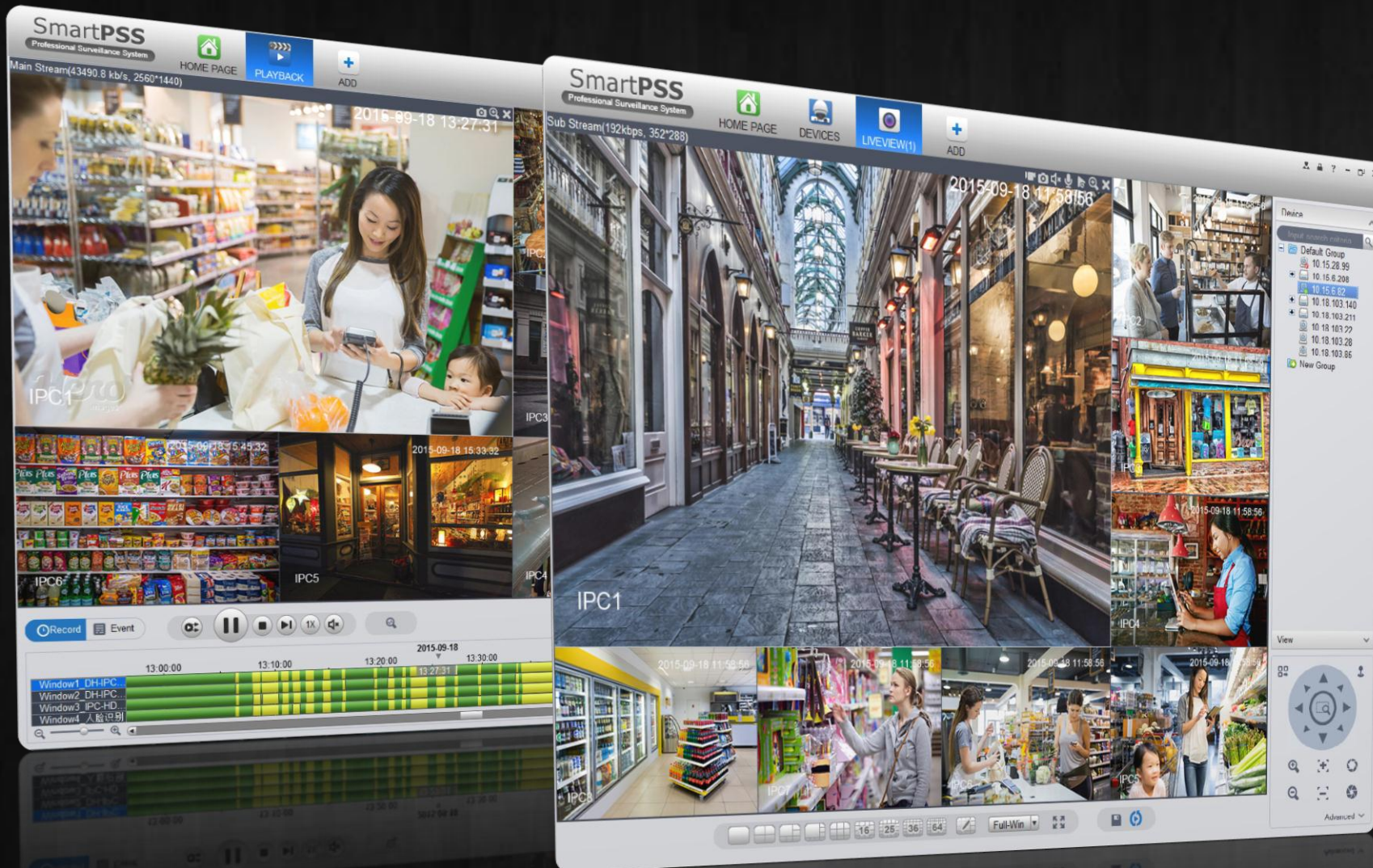
Features of Functionality



VDP



- Allow users to talk with VTO & VTH and receive call from them.
- Make it easy to manage all the video intercom and CCTV products simultaneously.
- Send message to VTH.



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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



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Overseas Business Center