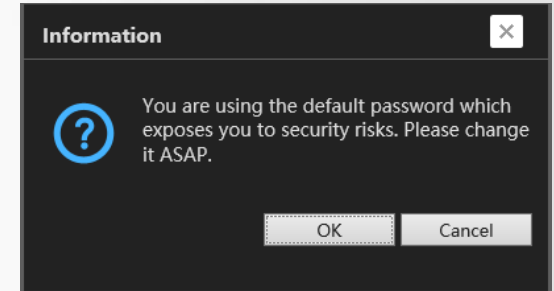# DVR/NVR v1.2
# Release Notes

# Improved Login Security

➡ The system will show password strength and prompt the user to change password if kept on default (admin/123456)

**Information** ✕

❓ You are using the default password which exposes you to security risks. Please change it ASAP.

OK    Cancel

➡ 5 Wrong login attempts **from remote** will block login for a pre-defined duration.
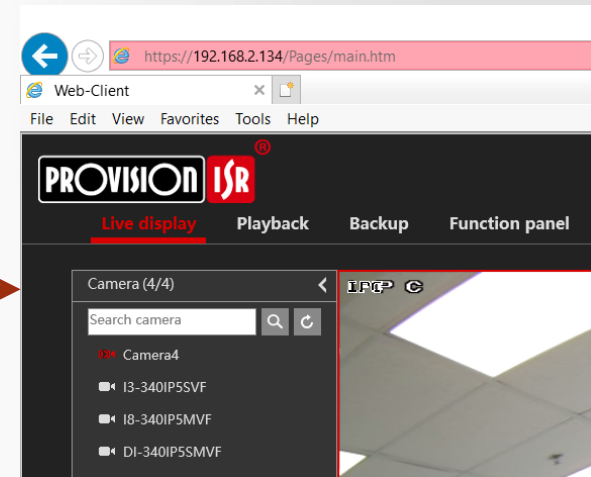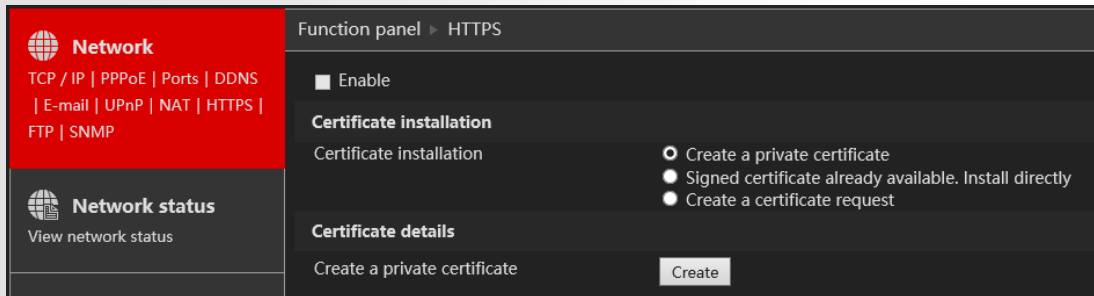
Failed to log in. Reason: wrong username or password. You have 4 attempt(s) left.

➡ Pattern lock support for easier local login.

admin ✕

Change Login Mode
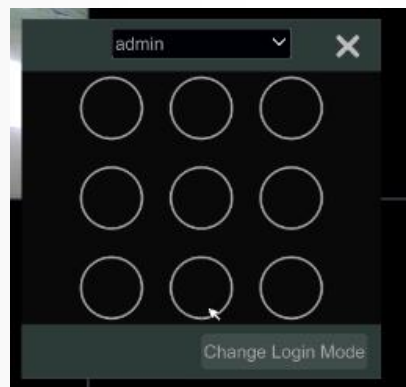
# HTTPS Support

➡ v1.2 support secured and encrypted data transfer between the device and the computer. The HTTPS is available for IE connection only. The certificate is generated by the device and not registered globally.

# FTP Support

- Support uploading of alarm video and snapshots to an FTP server.
- Uploading can be based on event or by schedule.
- The upload will be done from the HDD and not directly to the FTP

# Push Notification Customization

## Schedule

➡ Push notification can now be enabled by a pre-defined schedule.

➡ Notification will be sent based n the schedule only.

## Selective Activation

➡ User can now choose from the interface which alarms will trigger push notifications (regardless of the schedule)

# Cloud Interface Improvements
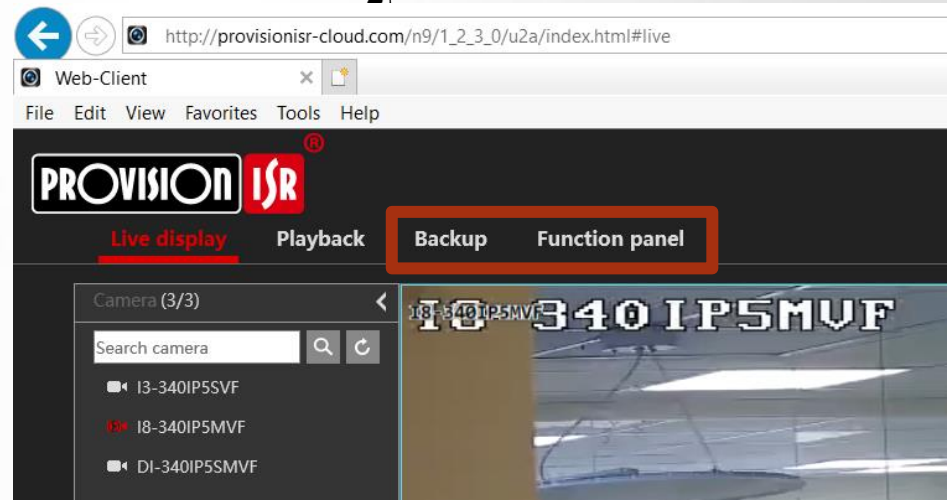
➡ The cloud interface will now offer full capabilities and feature support when working with Ossia v1.2

**(Including full configuration and backup capabilities).**
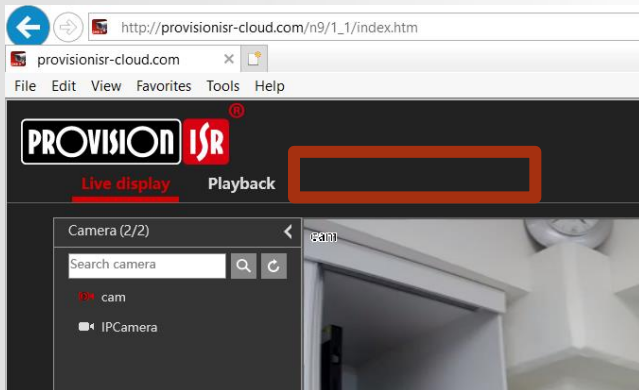
# Corridor Mode Support

➥ The NVR will fully support corridor mode including motion alarm etc.

➥ There will be split modes with corridor orientation.

➥ This feature is supported by the professional series only (Non X/E Models)
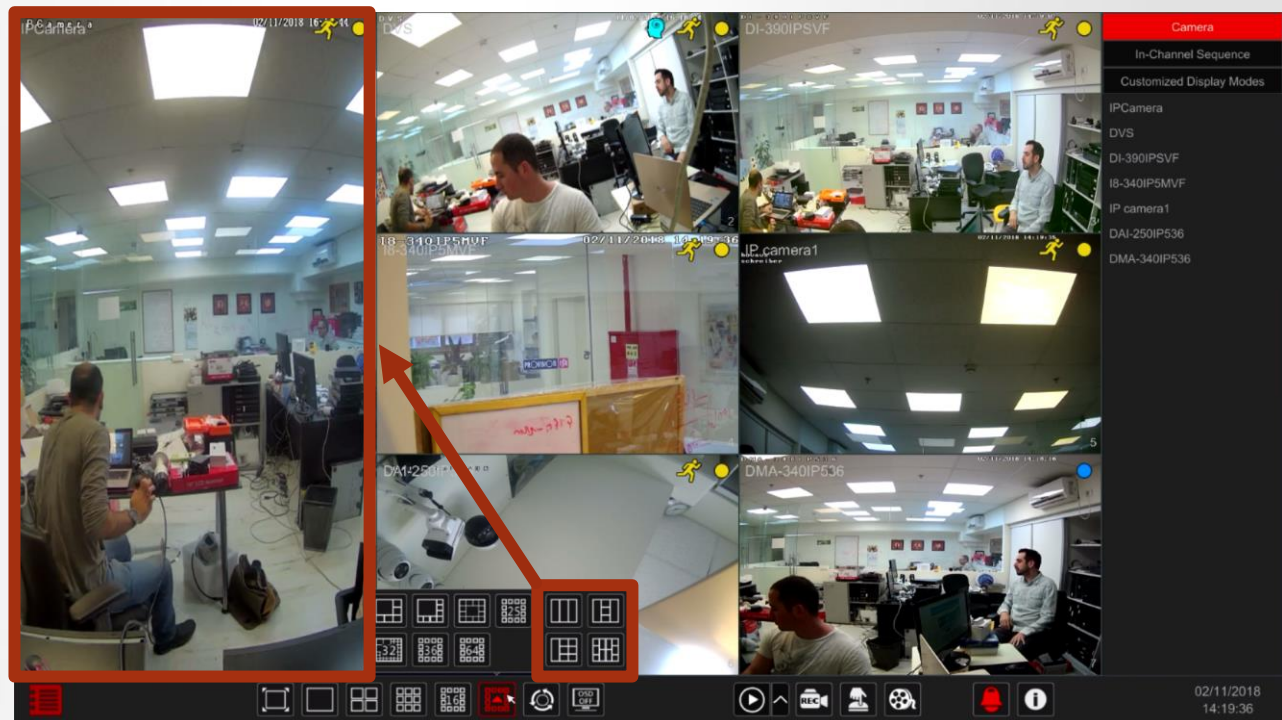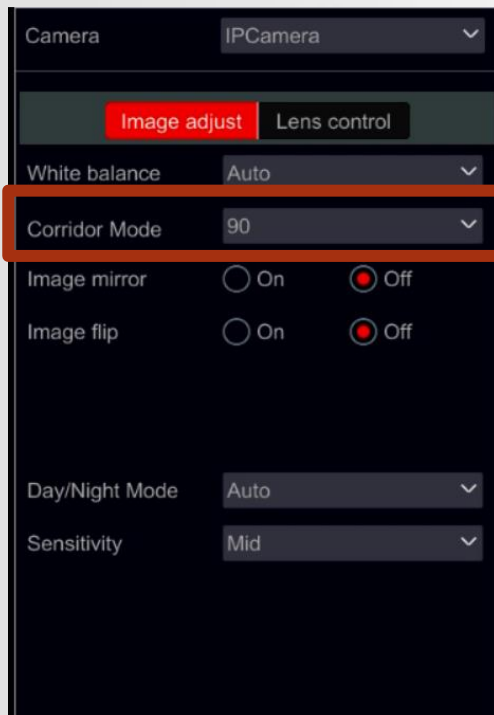
# RTSP Channel Input – NVRs Only

- RTSP streams will be possible to add as an IPC channel (Video and Audio only).

- This is useful fur IPC that support RTSP, but does not support ONVIF

- Alarms and motion detection are not supported.

# RTSP Channel Input – NVRs Only

- **NVRs** with v1.2 will be able to record channels from other Ossia devices (NVRs/DVRs v1.0.3 and up) as RTSP channels automatically in the same LAN.

- This feature is available through the "Add camera" interface.

# Dynamic Hybrid – DVRs Only

➡ DVR Hybrid capabilities will now be flexible.

➡ Let's take SH-8100A-4(1U) For example:



Ossia v1.1

8CH 4in1 + 4CH IP

x8        x4

Cannot be changed

Ossia v1.2

From 8CH 4in1 + 4CH IP

Free Choice

x8        x4

None        x12

To 0CH 4in1 + 12CH IP

| 4in1 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|------|---|---|---|---|---|---|---|---|---|
| IP   | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

# Dynamic Hybrid – DVRs Only

➡ We will take SH-16200A-4(1U) as a second example

**ɟssia** v1.1

16CH 4in1 + 4CH IP



x16        x4

Cannot be changed

**ɟssia** v1.2

From 16CH 4in1 + 4CH IP



x16                x4

**Free Choice**

x8                x12
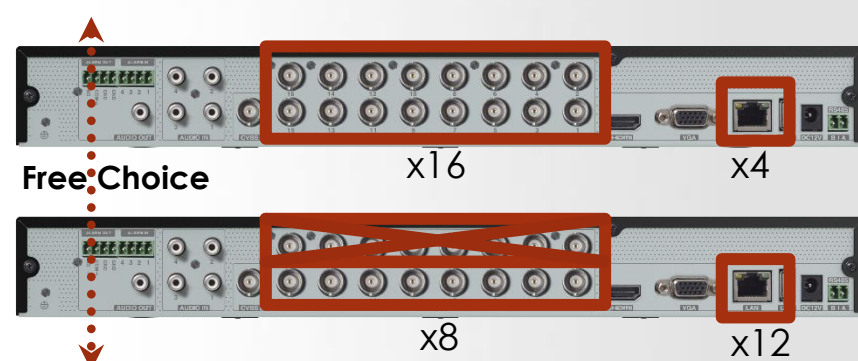
To 8CH 4in1 + 12CH IP

| 4in1 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |
|------|----|----|----|----|----|----|----|---|---|
| IP   | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 |

# Dynamic Hybrid – DVRs Only

- The availability of Analog/IP channels relies on the device model. Please refer to the device technical specifications for more details.
- DVR incoming bandwidth used for IP cameras will change accordingly.
- Note: support only H.264, IP Channels not available for Spot out.

# Dynamic Hybrid – How to set?

- Setting the channel for 4in1/IP will be done through the "Camera Signal" interface under Configuration/Camera/Edit Camera.

Function panel ▸ Camera Signal

| Camera | Analog/IP | Signal |
|--------|-----------|--------|
| [A01] | Analog | Auto |
| [A02] | Analog | Auto |
| [A03] | Analog | Auto |
| [A04] | Analog / IP | -- |
| [A05] | IP | -- |
| [A06] | IP | -- |
| [A07] | IP | -- |
| [A08] | IP | -- |

# Security Updates

➡ This version contains a security update and recommended for all users and devices running Ossia OS.

# Other Improvements

➡ FPS Batch settings

➡ Sensor Holding Time settings

➡ NTP settings added to the Startup Wizard

➡ MVF lens control over web-client

➡ Default view settings when device is not in use for a defined duration.

➡ ONVIF improvement to support IPC with ONVIF v2.6.

➡ Motion alarm can trigger recording for other cameras

➡ Minor cosmetic and bug improvements

# Update Procedure

- Due to massive FW changes which include updating of core components, the update will be available by local flash update only.

- The update will reset all settings to factory default.

- All the update files are available in Provision-ISR website.

# Thank you for choosing Provision-ISR

Our technical support team is available for your needs:

✉  [support@provisionisr.com](mailto:support@provisionisr.com)

S  Provision-isr-support