Hybrid Camera Solutions

IPELA HYBRID™– Sony’s IP and Analog-over-Coax Technology*1 – Offers Cost-effective Retrofit Solutions for Existing Analog CCTV Systems

Sony offers a new video surveillance technology that can simultaneously transmit both IP and analog signals on a single coaxial cable. It allows customers to easily migrate to HD IP video surveillance systems with minimal investment, utilizing their existing analog infrastructure. Based on this technology – IPELA HYBRID – Sony offers solutions that comprise hybrid cameras along with SLOC-compatible devices*2 as their counterparts.

These unique solutions deliver the following advantages:

- Cost-effective surveillance systems that can be easily migrated from an analog CCTV system to an IP network-based system, making the most of any existing surveillance infrastructure (e.g. coaxial cables, local power supplies, matrix switchers, controllers, and video wall monitors)
- Simultaneous transmission of IP HD video and analog SD video (see diagram below)
- Utilization of the advanced features and functionalities offered by IP network cameras
- Maximum cable length of 1,000 feet (300 m) with an RG-59 coaxial cable*3
- Minimized latency of analog video and PTZ control for video monitoring

Sony’s hybrid camera solutions can be used in a wide variety of surveillance applications, and in locations such as commercial facilities, financial institutions, office buildings, casinos, airports, government-related facilities, and schools.

*1 Sony’s IP and analog-over-coax technology is developed based on Intersil Corporation’s SLOC™ (Security Link Over Coax) technology.

*2 For information on SLOC-compatible devices, please contact your nearest Authorized Sony Reseller.

*3 Cable length varies according to cable grade and quality.
# Hybrid Cameras

## Quick Reference

<table>
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<tr>
<th>Model name</th>
<th>SNC-ZB550</th>
<th>SNC-ZM551</th>
<th>SNC-ZM550</th>
<th>SNC-ZR550</th>
<th>SNC-ZP550</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hybrid Fixed Camera</td>
<td>Hybrid Vandal Mini Dome Camera</td>
<td>Hybrid Mini Dome Camera</td>
<td>Hybrid Rapid Dome Camera</td>
<td>Hybrid PTZ Camera</td>
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</table>

### Video compression format

- H.264/MPEG-4/JPEG
- Dual streaming (Any combination with H.264/MPEG-4/JPEG, including multiple streams of the same format)**

### Power consumption

- **HD**
- **IP**

### Power requirements

- AC 24 V, DC 12 V
- AC 24 V, DC 12 V
- AC 24 V, DC 12 V
- AC 24 V, DC 12 V
- AC 24 V, DC 12 V

### Dimensions

- 1280 x 1024 (1.3 Mega)
- 1280 x 720 (1.4 Mega)
- 1280 x 720

### OnVIF

- Yes
- Yes
- Yes
- Yes
- Yes

### Hybrid Camera Receivers

<table>
<thead>
<tr>
<th>Model name</th>
<th>Z Series</th>
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<tbody>
<tr>
<td>SNCA-ZX104</td>
<td>4CH Hybrid Camera Receiver</td>
</tr>
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</table>

### Number of supported hybrid cameras

- 4

### Camera input

- BNC x 4
- BNC x 4

### Analog video output

- BNC x 4
- BNC x 4

### Network port

- RJ45 x 1 (100Base-TX/10Base-T)
- RJ45 x 1 (100Base-TX/10Base-T)

### Serial interface

- RS-485 x 1
- RS-485 x 1

### Power requirements

- DC 12 V (AC 100 V to AC 127 V, AC 200 V to AC 240 V, 50/60 Hz for AC adapter)
- DC 12 V (AC 100 V to AC 127 V, AC 200 V to AC 240 V, 50/60 Hz for AC adapter)

### Dimensions (W x H x D)

- 8 1/3 x 1 3/4 x 9 7/8 inches (210 x 44 x 250 mm)
- 8 1/3 x 1 3/4 x 9 7/8 inches (210 x 44 x 250 mm)

### All cameras in this sheet comply with UL2044.

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**Notes:**

- (*) Dual streaming is available when analog output settings for the SLOC port are OFF.
- (**) Definition of HD: More than 720p with H.264 streaming capability of more than 30/25 fps.
- (***) When selecting the IP and Analog-over-Coax mode, the power supply supports only AC 24 V.

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**Trademarks:**

- Pelco-D
- DEPA
- DynaView
- OnVIF
- IPELA HYBRID
- SLOC

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