

**IP indoor dome camera, 3.0 Megapixel real time, H.264/MPEG4/JPEG, 2-way audio, PoE, SD/SDHC card**



- Sony 1/2.8" 3.0 Megapixel progressive Exmor™ CMOS sensor
- Low Lux, Color: 0.2 Lux @ F 1.2, B/W: 0.01 Lux @ F 1.2
- Built-in f = 3.0 ~ 10 mm/F 1.3, 2.0 Megapixel vari-focal lens
- Compression: H.264/MPEG-4/MJPEG (triple-code encoder)
- Highest Resolution: 2048 x 1536 @ 20 fps, H.264/highprofile
- Support DC 12 V & PoE (802.3af) power input
- Support micro SD/SDHC card
- Support both ONVIF and PSIA

## Specification

|                          | Model Name   | ISM3421S   |
|--------------------------|--|--|
| <b>Video</b>             | <b>Image Sensor</b>  | Sony 1/2.8" 3.0 Megapixel progressive Exmor™ CMOS  |
|                          | <b>Network Compression</b>   | Triple Streams: H.264/MPEG-4/MJPEG   |
|                          | <b>Pixels (H x V)</b>  | 2048 x 1536, 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 720 x 480   |
|                          | <b>Max. Frame Rate</b>   | 2048 x 1536 @ 20 fps, others up to 30 fps  |
|                          | <b>Mechanical IR Cut Filter</b>  | NA   |
|                          | <b>Digital D/N Mode</b>  | Auto/color/black & white   |
|                          | <b>Motion Detection</b>  | Yes  |
|                          | <b>Motion Alarm Trigger</b>  | Yes  |
|                          | <b>Timer Clock</b>   | Yes  |
|                          | <b>Image Setting</b>   | Brightness/contrast/AWB/sharpness/saturation/rotation/mirror/WDR   |
|                          | <b>Electronic Shutter</b>  | Auto: 1/60 to 1/2,000 sec (60 Hz); 1/50 to 1/2,000 sec (50 Hz)   |
|                          | <b>Manual Electronic Shutter</b>   | 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/750, 1/1000, 1/1500, 1/2000 sec  |
|                          | <b>White Balance</b>   | Auto/manual (1800 K ~ 10,000 K)  |
|                          | <b>Signal to Noise Ratio</b>   | More than 52 dB (AGC off)  |
|                          | <b>Dynamic Noise Reduction</b>   | 2D DNR   |
|                          | <b>Digital Wide Dynamic Range</b>  | 10 levels (adjustable level settings)  |
| <b>Video Output</b>      | 1.0 Vpp composite, 75 Ω (BNC) or YPbPr   |  |
| <b>Min. Illumination</b> | Color: 0.2 Lux @ F 1.2, B/W: 0.01 Lux @ F 1.2  |  |
| <b>Lens</b>              | f = 3.0 ~ 10 mm/F 1.3, 2.0 Megapixel vari-focal lens/95.6° ~ 28.8°   |  |
| <b>Network</b>           | <b>Safety</b>  | ID/password protection, IP address filtering, user access log  |
|                          | <b>Protocol</b>  | TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, ARP, UPnP, RTSP RTP, Ethernet (RJ-45 wired 10/100 Base-TX)                                  |
|                          | <b>Bit Rate Transmission</b>   | 64 up to 10,000 kbps   |
|                          | <b>Number of User</b>  | Max. 10 connections for single video   |
|                          | <b>Storage Capacity</b>  | SD/SDHC card   |
| <b>Alarm Event</b>       | File upload via ftp and email/notification via email, HTTP, external digital output activation, Micro SD recording |  |
| <b>Audio</b>             | <b>Audio Communication</b>   | 2-way audio ; G.711 (μLaw), 8 kHz sample rate  |
| <b>General</b>           | <b>Connectors</b>  | YPbPr/audio, RJ45/PoE, DC power jack, BNC (composite video out), alarm reset/alarm in/alarm out/alarm ground/RS485, micro SD, mini USB |
|                          | <b>Operation Voltage</b>   | DC 12 V/PoE; max. 4 W  |
|                          | <b>Dimension (DIA x H) / Weight</b>  | 140 mm x 112 mm/500 g  |
|                          | <b>Operation Temperature</b>   | -10 °C ~ +50 °C, relative moisture 20 % ~ 90 %   |
|                          | <b>Storage Temperature</b>   | -20 °C ~ +60 °C  |
|                          | <b>Waterproof</b>  | -  |

\*Design and specifications are subject to change without prior notice.