

Full HD Vandalproof IR IP Camera



Superb Full HD Outdoor Professional Surveillance

PLANET ICA-5250V PoE IP Camera with IR Illuminator provides high resolution images for round-the-clock surveillance over IP networks. It supports H.264, MPEG-4, and JPEG compression formats and delivers excellent picture quality in Full HD resolutions at 30 frames per second (fps). The ICA-5250V is also equipped with IP66-rated and IK-10 vandalproof housing which protect the camera body against rain and dust, and ensures operation under extreme weather conditions, thus making it an ideal solution for outdoor applications, e.g., surveillance of buildings, roads, parking areas, garages, railway stations and airports.

Full HD Resolution



Day & Night Functionality

To adapt to constantly changing lighting conditions during the day and night, the ICA-5250V comes with a removable IR-cut filter and built-in IR illuminators, which enable the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The camera is able to maintain clear images 24 hours a day.



Camera

- 1/2.7" 2 mega-pixel progressive scan CMOS sensor
- 3~9 mm vari-focal, DC auto-iris lens
- 0 lux minimum illumination at F1.8
- Maximum resolution 1920 x 1080
- Removable IR-cut Filter for Day & Night function

Video / Audio

- Simultaneous H.264 / MPEG-4 and M-JPEG video compression
- Simultaneous multi-stream support
- H.264 high profile, main profile and baseline
- Up to 30fps for all resolutions
- 3DNR to improve picture quality at low Lux
- WDR Enhancement for enhanced visibility under extremely bright or dark environments
- Two-way audio support with enhanced audio quality

Network and Configuration

- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Auto MDI/MDI-X supported
- Supports IPv6 in addition to the standard IP protocol version 4
- RTSP / UPnP / 3GPP / HTTPS protocols selectable

Easy Installation & Management

- ONVIF compliant for interoperability
- Built-in 18 IR illuminators, effective up to 20 meters
- IK-10 / IP66 classification with vandal and weather proof
- Built-in Samba client for NAS
- 3GPP for 3G mobile remote applications
- Micro SD card local video recording supported
- Digital Input/Output for integration with sensors and alarms
- Cam Viewer 3 central management software supported

Exceptional Image Quality

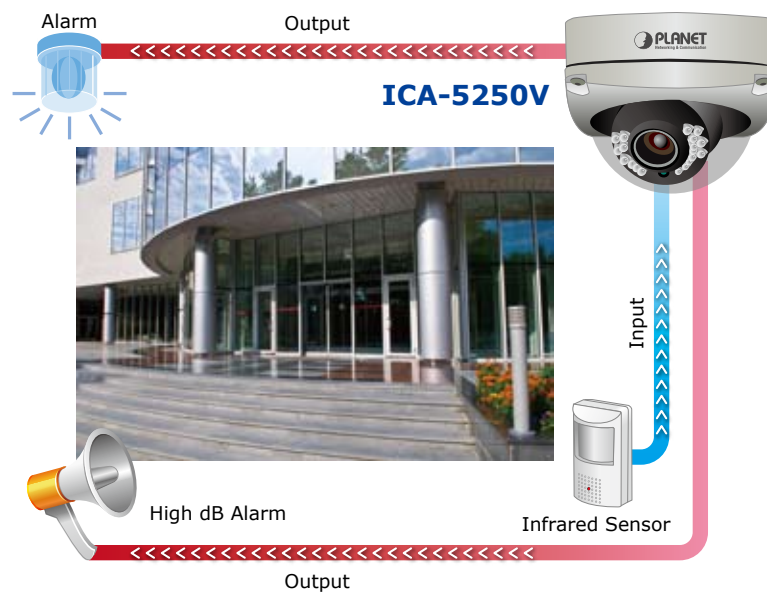
Together with powerful image processing attributes like Wide Dynamic Range (WDR) and 3-Dimension Noise Reduction (3DNR) technology, the ICA-5250V is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.



Advanced Event Management

The ICA-5250V also supports a number of advanced features that give the camera increased flexibility and capabilities, including auto-iris for improving the image quality to avoid over exposure, AV out for performing the two-way audio function and inputs/outputs for connecting external devices such as door sensors and relays to activate light or close doors.

Digital Input /Output
For External Sensor in and Alarm out



Flexible Installation and Power Functionality

The ICA-5250V incorporates Power over Ethernet so that the camera can be powered via the Ethernet cable, eliminating the need for power cables and reducing installation costs. The ICA-5250V is ONVIF-compliant and therefore interoperable with other manufacturer's products. It also includes 64-CH central management software. The ICA-5250V is indisputably the top choice for reliable and high performance surveillance.



Vari-focal and Camera Tampering Detection Offers the Best Recording Flexibility

The ICA-5250V incorporates the mega-pixel vari-focal lens, which has the options of selecting a high millimeter setting for narrow viewing fields or a low millimeter setting for wider viewing fields. The ICA-5250V provides three individually configurable motion detection zones. The camera can record video or trigger alarms or alerts when camera image is tampered.

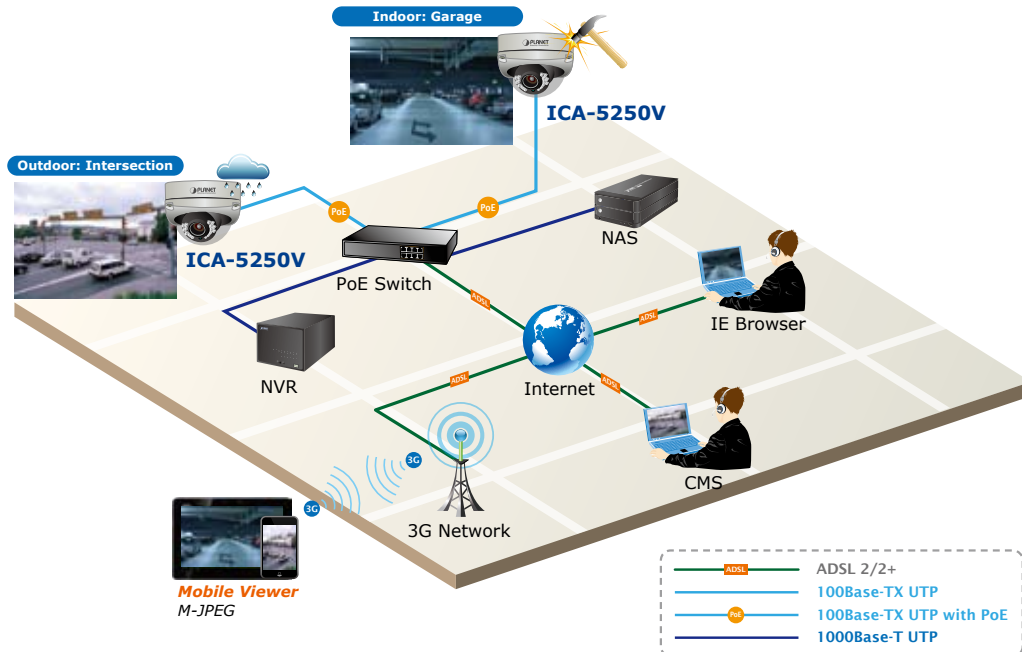


Vari-Focal lens for available focal lengths



Applications

PLANET ICA-5250V can perform in various surveillance applications. With high resolution design, it can capture clear images and is perfect for identifying objects and persons. Moreover, the ICA-5250V supports 802.3af PoE interface and facilitates the outdoor surveillance applications without worrying the electric source.



Specifications

| | |
|-------------------------------|---|
| Product | Full HD Vandalproof IR IP Camera |
| Product | ICA-5250V |
| Hardware Specification | |
| Image Device | 1/2.7" 2 mega-pixel progressive scan CMOS sensor |
| Lens | Vari-focal 3~9 mm, DC auto-iris Mechanical IR cut filter Angle of view : Horizontal: 36.96~128.78 degrees Vertical: 21.59~69.39 degrees |
| Min Illuminator | 0 lux @ F1.8 |
| IR Illumination LED | IR LED*18, 850nm Built-in IR illuminators, effective up to 20 meters |
| Effective Pixels | 1920 x 1080@30fps |
| Video | |
| Video Encoder | H.264 / MPEG-4 / M-JPEG |
| Video Profile | H.264: 1080P / 720P / VGA / QVGA / QCIF M-JPEG: 1080P / 720P / VGA / QVGA / QCIF MPEG-4: VGA / QVGA / QCIF (Only for 3GPP) |
| Frame Rate | Up to 30fps for all resolutions |
| Image Setting | Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Time, Sense-Up, WDR, Flip, Mirror, Noise reduction, White Balance, Day & Night adjustable |
| Streaming | Simultaneous multi-profile streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (MPEG-4 / H.264) |
| Audio | |
| Audio Streaming | Two-Way Audio |
| Audio Encoder | RTSP: G.711 / G.726 3GPP: AMR |
| Microphone | Terminal block |
| Audio Output | Terminal block |

| Network and Configuration | |
|-----------------------------------|---|
| Network Standard | IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX |
| Supported Protocols | IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP |
| Security | Password protection, user access log |
| Users | 10 simultaneous unicast users |
| System Integration | |
| Application Programming Interface | Open API for software integration SDK |
| Alarm Triggers | Intelligent video motion detection and external input 3-zone video motion detection |
| Alarm Events | File upload via FTP, email and SAMBA External output activation Configurable Pre/Post alarm buffering |
| General | |
| Power Supply | 12V DC, 1A IEEE 802.3af Class 3 |
| Power Consumption | DC 12V Max: 5.52W (IR On); 4.08W (IR Off) PoE Max: 6.72W (IR on); 5.28W (IR Off) |
| Housing | IK-10 / IP66 classification with vandal and weather proof |
| Operating Temperature | -20 ~ 50 degrees C |
| Operating Humidity | 20 ~ 80% (non-condensing) |
| Dimensions (W x D x H) | 126 x 126 x 100 mm |
| Weight | 890 g |
| Emission | CE, FCC |
| Connectors | 10/100Mbps Ethernet, RJ-45 DC power jack Factory default reset Micro SD/SDHC card (Max. 32GB, Class 6) Composited video out (Max. resolution: D1 720 x 480 pixel) Terminal block for 1 alarm input, 1 output, external MIC input and audio out |

Ordering Information

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| ICA-5250V | Full HD Vandalproof IR IP Camera |
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Related Products

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| ICA-5550V | 5 Mega-pixel Vandalproof IR IP Camera |
| ICA-HM136 | H.264 2 Mega-pixel 20M IR Vandalproof Dome IP Camera |
| CV3P-4 | 4-Channel Cam Viewer 3 Professional |
| CV3P-8 | 8-Channel Cam Viewer 3 Professional |
| CV3P-16 | 16-Channel Cam Viewer 3 Professional |
| CV3P-36 | 36-Channel Cam Viewer 3 Professional |
| CV3P-64 | 64-Channel Cam Viewer 3 Professional |
| NVR-420 | 4-Ch Network Video Recorder with HDMI |
| NVR-810 | 8-CH Network Video Recorder |
| NVR-1610 | 16-CH Network Video Recorder |
| NVR-3210 | 32-CH Network Video Recorder |
| NVR-3250 | 32-Ch Rack Mount Network Video Recorder |
| CV3-M1024 | 1024-Channel Central Management Software |

PLANET Technology Corporation

11F., No.96, Minquan Rd., Xindian Dist., New Taipei City
231, Taiwan (R.O.C.)
Tel: 886-2-2219-9518 Fax: 886-2-2219-9528
Email: sales@planet.com.tw www.planet.com.tw



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