



## KNC-LNDi45

IP Low Profile Dome Camera

[www.ktncusa.com](http://www.ktncusa.com)

- Member of Onvif
- 2.43 Megapixel, 1/2.8" SONY Exmor CMOS
- f = 3.7 mm (3 MP)
- Fixed Board Lens
- Digital Day & Night (15 IR LEDs)
- Min. Illumination of 0.1 Lux (IR LED On)
- 3D DNR / BLC / AGC / HLC / 3 Axis
- IP66 (Weather Resistant)
- DC 12V Power



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**HDTV / Megapixel**  
Network Cameras

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### 3D DNR (Digital Noise Reduction)

The amount of low luminance noise is remarkably reduced and signal-to-noise ratio (S/N) as well as horizontal resolution is improved, resulting in a clear and sharp image display even in dark condition.



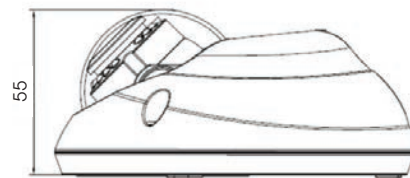
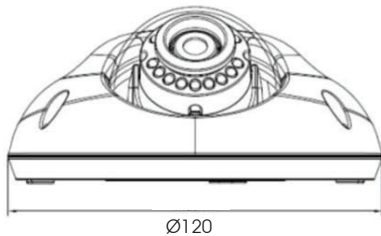
### WDR (Wide Dynamic Range)

To get detailed information from dark and bright combination image without any saturation, the WDR Technology is required. It combines bright areas with high shutter speed exposure and dark areas with low shutter speed exposure into one composite image.



### 2.1 Mega Pixel (1920x1080)

### General Feature Diagram Unit: (mm)



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## IP Low Profile Dome Camera



## Technical Specification

|                 |                       |          |   |                      |                                    |         |                   |  |
|-----------------|-----------------------|----------|---|----------------------|------------------------------------|---------|-------------------|--|
| Camera          | Image Sensor          |          | 2.43 Megapixel, 1/2.8" SONY Exmor CMOS  |                      |                                    |         |                   |  |
|                 | Total Pixels (H x V)  |          | 2000 x 1241   |                      |                                    |         |                   |  |
|                 | Day & Night           |          | Digital Day & Night   |                      |                                    |         |                   |  |
|                 | Min. Illumination     |          | 0 Lux (IR LED On)   |                      |                                    |         |                   |  |
|                 | IR LED                | Distance | 15 IR LEDs  |                      | Max. 65 ft (DSS: Auto, AGC: 48 dB) |         |                   |  |
|                 | Shutter Speed         |          | 1/30 ~ 1/8000   |                      |                                    |         |                   |  |
| Lens            | Lens                  |          | 3.7 mm (3 MP)   |                      |                                    |         |                   |  |
|                 | Lens Type             |          | Fixed Board Lens  |                      |                                    |         |                   |  |
| Video           | Maximum Resolution    |          | H.264   | 1920 x 1080 (16:9)   |                                    | MJPEG   | 1280 x 720 (16:9) |  |
|                 | Frame Rate            |          | H.264   | 30 fps               |                                    | MJPEG   | 30 fps            |  |
|                 | Compression           |          | H.264   |                      | MJPEG                              |         |                   |  |
|                 | Streaming             |          | Dual-Stream at different frame rate and bandwidth   |                      |                                    |         |                   |  |
|                 | Digital Slow Shutter  |          | Off, 2x, 4x (AUTO)  |                      |                                    |         |                   |  |
|                 | Image Settings        |          | Brightness, Contrast, Saturation, Sharpness, White balance, Exposure control, Image rotation, Text and image overlay, Privacy masking, BLC, D-WDR, 3D DNR |                      |                                    |         |                   |  |
| Audio           | Streaming             |          | One-way   |                      |                                    |         |                   |  |
|                 | Compression           |          | G.711, G.726  |                      |                                    |         |                   |  |
|                 | Input / Output        |          | Internal Microphone   |                      |                                    |         |                   |  |
| Network         | LAN                   |          | Ethernet 10/100 Base-T (RJ-45 Type)   |                      |                                    |         |                   |  |
|                 | Security              |          | Multiple user access levels with password protection, HTTPS (SSL)   |                      |                                    |         |                   |  |
|                 | Protocol              |          | IPv4, HTTP, TCP, RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, ICMP, DHCP, ARP, DNS, DDNS, HTTPS, UPnP   |                      |                                    |         |                   |  |
|                 | ONVIF Compliant       |          | Yes   |                      |                                    |         |                   |  |
|                 | Interface             |          | OS  | Windows XP, Vista, 7 |                                    | Browser | Internet Explorer |  |
|                 | Record Schedule       |          | Continuous, Motion, Sensor, Pre & Post Alarm  |                      |                                    |         |                   |  |
|                 | Intelligent Video     |          | Video Motion Detection  |                      | Yes                                |         |                   |  |
| Alarm and Event | Alarm Triggers        |          | Intelligent video, manual triggers, network fail, SD card scheduling, reboot  |                      |                                    |         |                   |  |
|                 | Alarm Events          |          | JPEG image upload via FTP & Email, notification via E-mail, recording AVI or JPEG using Micro-SD  |                      |                                    |         |                   |  |
| General         | Processors            |          | CPU: ARM 1136J-S  |                      |                                    |         |                   |  |
|                 | Memory                |          | RAM: 256 MB, Flash: 256 MB  |                      |                                    |         |                   |  |
|                 | Power                 |          | PoE class 3 (IEEE 802.3 af) DC 12V 340 mA   |                      |                                    |         |                   |  |
|                 | Interface             |          | Analog Composite Output<br>Power (DC 12V) Input   |                      |                                    |         |                   |  |
|                 | Local storage         |          | MicroSD/SDHC up to 32 GB  |                      |                                    |         |                   |  |
|                 | IP Rating             |          | IP66 (Weather Resistan)   |                      |                                    |         |                   |  |
|                 | Operating Temperature |          | 14 °F ~ 122 °F (-10 °C ~ 50 °C)   |                      |                                    |         |                   |  |
|                 | Dimension             |          | Φ4.7 x 2.2 inch (Φ120 x 55 mm)  |                      |                                    |         |                   |  |
|                 | Weight                |          | 0.8 lbs (350 g)   |                      |                                    |         |                   |  |