



V-PRO LITE LINE

Professional solutions with essential features for small to medium surveillance applications

- 30 fps @ 1920x1080
- H.264/MJPEG
- Multiple Streaming
- Smart Stream II
- SNV (Supreme Night Visibility)
- 30M IR (Outdoor Cameras)
- Video Rotation
- Seamless Recording
- IP66/IK10 (Outdoor Cameras)
- Defog



Conventional Camera



VIVOTEK SNV Camera



Without Smart Stream II



With Smart Stream II

SNV (Supreme Night Visibility)

High-quality full-color surveillance video under low-light conditions.

Smart Stream II

Save up to 50% of bandwidth and storage by optimizing quality for moving regions or ROI.



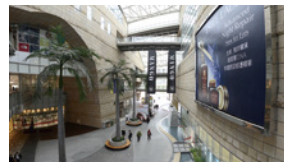
30M IR Off



30M IR On

30M IR

Built-in highly efficient IR LEDs effectively up to 30 meters for enhancing captured images and details at night.



16:9



9:16

Video Rotation

Wider vertical coverage for a hallway or corridor view by digitally rotating the image frame for 90° or 270°.



Vari-focal (Manual Focus)

| Application | Vandal-proof / Outdoor | | Indoor |
|-----------------------|---|---|---|
| |  |  |  |
| Model Name | IB8367A | FD8367A-V | FD8167A |
| Sensor Type | 1/2.9" Progressive CMOS | 1/2.9" Progressive CMOS | 1/2.9" Progressive CMOS |
| Lens Type | Vari-focal, Manual Focus | Vari-focal, Manual Focus | Vari-focal, Manual Focus |
| F-number | F1.4 ~ F2.4 | F1.4 ~ F2.4 | F1.4 ~ F2.4 |
| Focal Length | f = 2.8 ~ 12 mm | f = 2.8 ~ 12 mm | f = 2.8 ~ 12 mm |
| Field of View | 36° ~ 101° (H), 20° ~ 55° (V) | 33° ~ 97° (H), 19° ~ 53° (V) | 33° ~ 97° (H), 19° ~ 53° (V) |
| Auto-iris | DC-iris | DC-iris | DC-iris |
| Max. Frame Rate | 30 fps @ 1920x1080 | 30 fps @ 1920x1080 | 30 fps @ 1920x1080 |
| IR Illuminators | 30 m, IR LED*10 | 30 m, IR LED*8 | 20 m, IR LED*8 |
| Min. Illumination | 0.05 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W) | 0.05 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W) | 0.05 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W) |
| Video Compression | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Multiple Streams | 4 Streams | 4 Streams | 4 Streams |
| Smart Stream II | Yes | Yes | Yes |
| WDR Technology | WDR Enhanced | WDR Enhanced | WDR Enhanced |
| 3DNR | Yes | Yes | Yes |
| Video Rotation | 90°/270° | 90°/270° | 90°/270° |
| Power Input | IEEE 802.3af/at PoE Class 0 | IEEE 802.3af/at PoE Class 0 | IEEE 802.3af/at PoE Class 0 |
| On-board Storage | MicroSD/SDHC/SDXC Card Slot | MicroSD/SDHC/SDXC Card Slot | MicroSD/SDHC/SDXC Card Slot |
| Housing | IP66, IK10 (Casing Only) | IP66, IK10 | - |
| Dimensions | Ø 72 x 327 mm | Ø 129 x 93 mm | Ø 129 x 94 mm |
| Operating Temperature | -20°C ~ 50°C (-4°F ~ 122°F) | -20°C ~ 50°C (-4°F ~ 122°F) | -10°C ~ 50°C (14°F ~ 122°F) |



Fixed-focal

| Application | Vandal-proof / Outdoor | | Indoor |
|-----------------------|---|---|---|
| |  |  |  |
| Model Name | IB8369A | FD8369A-V | FD8169A |
| Sensor Type | 1/2.9" Progressive CMOS | 1/2.9" Progressive CMOS | 1/2.9" Progressive CMOS |
| Lens Type | Fixed-focal | Fixed-focal | Fixed-focal |
| F-number | F2.1 | F1.8 | F1.8 |
| Focal Length | f = 3.6 mm | f = 2.8 mm | f = 2.8 mm |
| Field of View | 78° (H), 42° (V) | 105° (H), 60° (V) | 105° (H), 60° (V) |
| Auto-iris | - | - | - |
| Max. Frame Rate | 30 fps @ 1920x1080 | 30 fps @ 1920x1080 | 30 fps @ 1920x1080 |
| IR Illuminators | 30 m, IR LED*10 | 30 m, IR LED*8 | 20 m, IR LED*8 |
| Min. Illumination | 0.06 Lux @ F2.1 (Color) 0.01 Lux @ F2.1 (B/W) | 0.06 Lux @ F1.8 (Color) 0.01 Lux @ F1.8 (B/W) | 0.06 Lux @ F1.8 (Color) 0.01 Lux @ F1.8 (B/W) |
| Video Compression | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Multiple Streams | 4 Streams | 4 Streams | 4 Streams |
| Smart Stream II | Yes | Yes | Yes |
| WDR Technology | WDR Enhanced | WDR Enhanced | WDR Enhanced |
| 3DNR | Yes | Yes | Yes |
| Video Rotation | 90°/270° | 90°/270° | 90°/270° |
| Power Input | IEEE 802.3af/at PoE Class 0 | IEEE 802.3af/at PoE Class 0 | IEEE 802.3af/at PoE Class 0 |
| On-board Storage | MicroSD/SDHC/SDXC Card Slot | MicroSD/SDHC/SDXC Card Slot | MicroSD/SDHC/SDXC Card Slot |
| Housing | IP66, IK10 (Casing Only) | IP66, IK10 | - |
| Dimensions | Ø 72 x 300 mm | Ø 129 x 93 mm | Ø 129 x 94 mm |
| Operating Temperature | -20°C ~ 50°C (-4°F ~ 122°F) | -20°C ~ 50°C (-4°F ~ 122°F) | -10°C ~ 50°C (14°F ~ 122°F) |