

unitized outdoor ptz cameras

ER/EP HPoE+ and AC24V series



























Sony's unitized cameras are the latest additions to the security camera lineup, offering an outstanding value to a wide variety of surveillance applications. These PTZ cameras come pre-wired and pre-installed inside an upper housing enclosure, making them ready to go, right out of the box.

key features

- Exmor™ CMOS Sensor on 720P/1080P Models
- 1080P w/20x optical zoom: SNC-ER580/EP580
- 720P w/28x optical zoom: SNC-ER550/EP550
- D1 resolution w/36x optical zoom: SNC-ER520/EP520
- Dual stream H.264/MPEG4/JPEG 30 fps @ full resolution
- Wide dynamic range
- SD/SDHC memory card slot
- Intelligent motion detection
- Bi-directional audio
- DEPA™ capability
- HPoE+ or AC24V power

























unitized outdoor ptz cameras: ER/EP HPoE+ series

| HPoE+ Series | | | | | | |
|--------------------------------|---|---|---|---|---|---|
| Model name | UNI-ONER580C7 | UNI-ONER550C7 | UNI-ONER520C7 | UNI-ONEP580C7 | UNI-ONEP550C7 | UNI-ONEP520C7 |
| |  |  |  |  |  |  |
| | Outdoor unitized pendant mount - HPoE+ type, with heater/blower and lower clear dome. | | | | | |
| Rapid Dome or PTZ | Rapid Dome  | | | PTZ  | | |
| Video compression format | H.264/MPEG4/JPEG | | | | | |
| Codec streaming capability | Dual streaming (Any combination with H.264/MPEG4/JPEG, including multiple streams of the same format) | | | | | |
| Maximum resolution | 1920 x 1080  | 1280 x 720 HD ^(*)  | 720 x 480 SD | 1920 x 1080  | 1280 x 720 HD ^(*)  | 720 x 480 SD |
| Outdoor use/Ingress protection | YES, IP66 | YES, IP66 | YES, IP66 | YES, IP66 | YES, IP66 | YES, IP66 |
| Horizontal viewing angle | 55.4° to 2.9° | 55.9° to 2.1° | 57.8° to 1.7° | 55.4° to 2.9° | 55.9° to 2.1° | 57.8° to 1.7° |
| Zoom ratio | 20X optical zoom | 28X optical zoom | 36X optical zoom | 20X optical zoom | 28X optical zoom | 36X optical zoom |
| Focal length | f=4.7 to 94 mm | f=3.5 to 98 mm | f=3.4 to 122.4 mm | f=4.7 to 94 mm | f=3.5 to 98 mm | f=3.4 to 122.4 mm |
| Image device | 1/2.8-type Exmor™ CMOS sensor Exmor. | 1/4-type Exmor CMOS sensor Exmor. | 1/4-type ExView HAD CCD® | 1/2.8-type Exmor CMOS sensor Exmor. | 1/4-type Exmor CMOS sensor Exmor. | 1/4-type ExView HAD CCD |
| Minimum illumination | Color: 1.7 lx, B/W: 0.3 lx (F1.6, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.0 lx, B/W: 0.1 lx (F1.35, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.4 lx, B/W: 0.15 lx (F1.6, shutter 1/60sec, AGC ON, 50 IRE [IP]) | Color: 1.7 lx, B/W: 0.3 lx (F1.6, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.0 lx, B/W: 0.1 lx (F1.35, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.4 lx, B/W: 0.15 lx (F1.6, shutter 1/60sec, AGC ON, 50 IRE [IP]) |
| Maximum frame rate | 30 fps H.264 at 1920 x 1080; 20 fps MPEG4 at 1920 x 1080; 16 fps JPEG at 1920 x 1080 | 30 fps H.264/MPEG4/JPEG | 30 fps H.264/MPEG4/JPEG | 30 fps H.264 at 1920 x 1080; 20 fps MPEG4 at 1920 x 1080; 16 fps JPEG at 1920 x 1080 | 30 fps H.264/MPEG4/JPEG | 30 fps H.264/MPEG4/JPEG |
| Day/Night | Yes | Yes | Yes | Yes | Yes | Yes |
| Wide-D | Yes/ DynaView™ 86dB | Yes/ DynaView 86dB | Yes/ DynaView 92dB | Yes/ DynaView 86dB | Yes/ DynaView 86dB | Yes/ DynaView 92dB |
| Visibility Enhancer (VE) | No | No | No | No | No | No |
| Noise reduction | Yes | Yes | Yes | Yes | Yes | Yes |
| Edge Storage | SD card slot x1 | SD card slot x1 | SD card slot x1 | SD card slot x1 | SD card slot x1 | SD card slot x1 |
| DEPA (Intelligence) |  |  |  |  |  |  |
| Audio Capability | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) |
| Alarm I/O | Yes, 2/I | Yes, 2/I | Yes, 2/I | Yes, 2/I | Yes, 2/I | Yes, 2/I |
| ONVIF Compliant |  |  |  |  |  |  |
| Pan range | 360° endless rotation | 360° endless rotation | 360° endless rotation | 340° | 340° | 340° |
| Total tilt range | 210° (15° above horizon) | 210° (15° above horizon) | 210° (15° above horizon) | 105° (15° above horizon) | 105° (15° above horizon) | 105° (15° above horizon) |
| Power requirement | HPoE+ (60W) injector included | HPoE+ (60W) injector included | HPoE+ (60W) injector included | HPoE+ (60W) injector included | HPoE+ (60W) injector included | HPoE+ (60W) injector included |
| Power consumption | 60W max. | 60W max. | 60W max. | 60W max. | 60W max. | 60W max. |
| Dimensions | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L |
| Shipping Weight | 15 lbs. | 15 lbs. | 15 lbs. | 15 lbs. | 15 lbs. | 15 lbs. |
| Operating temperature | -20° to 122° F | -20° to 122° F | -20° to 122° F | -20° to 122° F | -20° to 122° F | -20° to 122° F |

(*) Definition of HD: More than 720p with H.264 streaming capability of more than 30 fps.

(**) Cables are not included.

unitized outdoor ptz cameras: ER/EP AC24V series

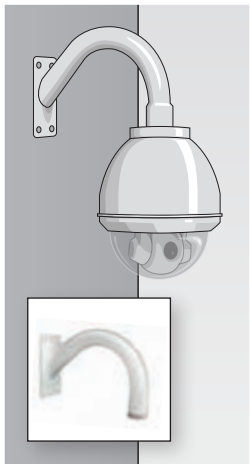
| AC24V Series | | | | | | |
|--------------------------------|---|---|---|---|---|---|
| Model name | UNI-ONER580C2 | UNI-ONER550C2 | UNI-ONER520C2 | UNI-ONEP580C2 | UNI-ONEP550C2 | UNI-ONEP520C2 |
| |  |  |  |  |  |  |
| | Outdoor unitized pendant mount - AC24V operation, with heater/blower and lower clear dome. | | | | | |
| Rapid Dome or PTZ | Rapid Dome  | | | PTZ  | | |
| Video compression format | H.264/MPEG4/JPEG | | | | | |
| Codec streaming capability | Dual streaming (Any combination with H.264/MPEG4/JPEG, including multiple streams of the same format) | | | | | |
| Maximum resolution | 1920 x 1080  | 1280 x 720 HD ^(*)  | 720 x 480 SD | 1920 x 1080  | 1280 x 720 HD ^(*)  | 7x 480 SD |
| Outdoor use/Ingress protection | YES, IP66 | YES, IP66 | YES, IP66 | YES, IP66 | YES, IP66 | YES, IP66 |
| Horizontal viewing angle | 55.4° to 2.9° | 55.9° to 2.1° | 57.8° to 1.7° | 55.4° to 2.9° | 55.9° to 2.1° | 57.8° to 1.7° |
| Zoom ratio | 20X optical zoom | 28X optical zoom | 36X optical zoom | 20X optical zoom | 28X optical zoom | 36X optical zoom |
| Focal length | f=4.7 to 94 mm | f=3.5 to 98 mm | f=3.4 to 122.4 mm | f=4.7 to 94 mm | f=3.5 to 98 mm | f=3.4 to 122.4 mm |
| Image device | 1/2.8-type Exmor™ CMOS sensor Exmor. | 1/4-type Exmor CMOS sensor Exmor. | 1/4-type ExView HAD CCD® | 1/2.8-type Exmor CMOS sensor Exmor. | 1/4-type Exmor CMOS sensor Exmor. | 1/4-type ExView HAD CCD |
| Minimum illumination | Color: 1.7 lx, B/W: 0.3 lx (F1.6, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.0 lx, B/W: 0.1 lx (F1.35, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.4 lx, B/W: 0.15 lx (F1.6, shutter 1/60sec, AGC ON, 50 IRE [IP]) | Color: 1.7 lx, B/W: 0.3 lx (F1.6, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.0 lx, B/W: 0.1 lx (F1.35, shutter 1/30sec, AGC ON, 50IRE[IP]) | Color: 1.4 lx, B/W: 0.15 lx (F1.6, shutter 1/60sec, AGC ON, 50 IRE [IP]) |
| Maximum frame rate | 30 fps H.264 at 1920 x 1080; 20 fps MPEG4 at 1920 x 1080; 16 fps JPEG at 1920 x 1080 | 30 fps H.264/MPEG4/JPEG | 30 fps H.264/MPEG4/JPEG | 30 fps H.264 at 1920 x 1080; 20 fps MPEG4 at 1920 x 1080; 16 fps JPEG at 1920 x 1080 | 30 fps H.264/MPEG4/JPEG | 30 fps H.264/MPEG4/JPEG |
| Day/Night | Yes | Yes | Yes | Yes | Yes | Yes |
| Wide-D | Yes/ DynaView ™ 86dB | Yes/ DynaView 86dB | Yes/ DynaView 92dB | Yes/ DynaView 86dB | Yes/ DynaView 86dB | Yes/ DynaView 92dB |
| Visibility Enhancer (VE) | No | No | No | No | No | No |
| Noise reduction | Yes | Yes | Yes | Yes | Yes | Yes |
| Edge Storage | SD card slot x1 | SD card slot x1 | SD card slot x1 | SD card slot x1 | SD card slot x1 | SD card slot x1 |
| DEPA (Intelligence) |  |  |  |  |  |  |
| Audio Capability | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) | Yes, 2-way Audio ^(*) |
| Alarm I/O | Yes, 2/1 | Yes, 2/1 | Yes, 2/1 | Yes, 2/1 | Yes, 2/1 | Yes, 2/1 |
| ONVIF Compliant |  |  |  |  |  |  |
| Pan range | 360° endless rotation | 360° endless rotation | 360° endless rotation | 340° | 340° | 340° |
| Total tilt range | 210° (15° above horizon) | 210° (15° above horizon) | 210° (15° above horizon) | 105° (15° above horizon) | 105° (15° above horizon) | 105° (15° above horizon) |
| Power requirement | AC 24V ^(*) | AC 24V ^(*) | AC 24V ^(*) | AC 24V ^(*) | AC 24V ^(*) | AC 24V ^(*) |
| Power consumption | 52W max. | 52W max. | 52W max. | 52W max. | 52W max. | 52W max. |
| Dimensions | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L | 11.5"W x 21.5"H x 11.5L |
| Shipping Weight | 13 lbs. | 13 lbs. | 13 lbs. | 13 lbs. | 13 lbs. | 13 lbs. |
| Operating temperature | -20° to 122° F | -20° to 122° F | -20° to 122° F | -20° to 122° F | -20° to 122° F | -20° to 122° F |

(*) Definition of HD: More than 720p with H.264 streaming capability of more than 30 fps.

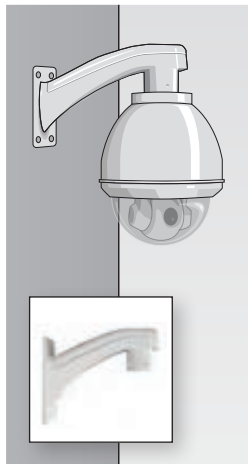
(*) AC 24V power supply not included.

(*) Cables are not included.

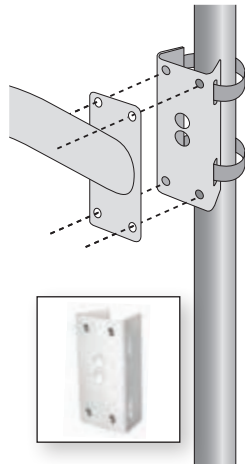
ptz mounting accessories:



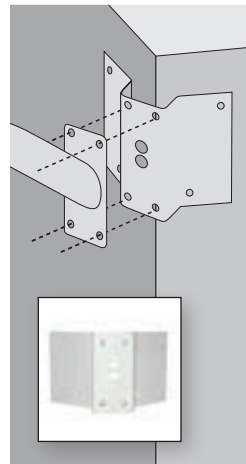
UNI-WMB1
Wall mount



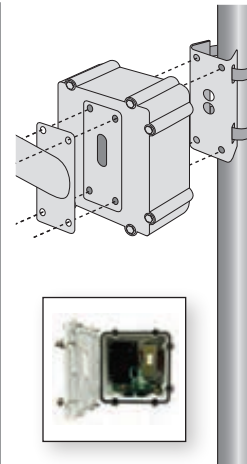
UNI-WMB3
Wall mount



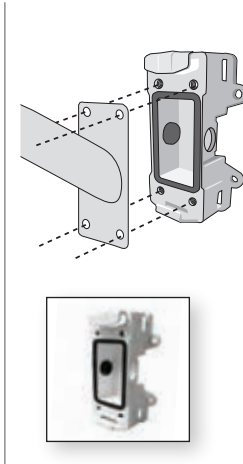
UNI-PMA1
Pole mount adaptor



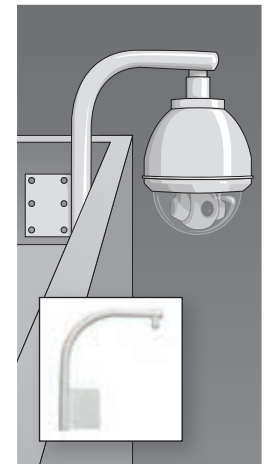
UNI-CMA1
Corner mount adaptor



UNI-PBU1
Power block unit,
24VAC



UNI-WMBB1
Surface/pole mount
used with UNI-WMB1
or UNI-WMB3 wall
mount



UNI-RMB1
Parapet Roof mount,
PP Wall