



700TVL PRO CAMERAS - SEE THE DIFFERENCE



In addition to the greatly enhanced clarity and detail afforded by a 700TVL image sensor the Pro camera range also features Sony Effio-E signal processing to further enhance and manage picture quality.

AUTOMATIC GAIN CONTROL (AGC)

Enhancement of the video output to provide the best image in low light conditions.

WIDE DYNAMIC RANGE (D-WDR)

Provides an even image balance where varying light conditions exist within the scene viewed.

BACK LIGHT COMPENSATION (BLC)

Enhances illumination of the foreground of a scene where strong backlight (eg. from an external door or window) is present.

DIGITAL NOISE REDUCTION (2DNR)

Fixes digital noise on the image caused by low light conditions or strong colours.

HIGH LIGHT CONTROL (HLC)

Automatic suppression and masking of very high light sources such as car head lights that would normally obscure number plates at night.

PRIVACY MASKING

Allows areas of the image to be partially or fully masked for legal or privacy reasons.



Sony Effio-E functions are all controlled via a convenient in-line menu selector and on-screen display. Use of a local test monitor is recommended during installation.



IRCAM200 Pro External Day/Night Camera



- 700 TVL
- 6mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- Up to 15m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating



| | |
|----------------------|-------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | Fixed CS Mount Lens (f=6mm) |
| Minimum illumination | 0.001 Lux/F1.2; 0 Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 150mm(L) x 90mm(W) x 83mm(H) |
| Weight Approx | 800g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP66 |

SONY
EffioTM

- Resolution 700TVL
- Adaptive Tone Reproduction
- 2D Noise Reduction
- Exposure Control
- High Light Compensation



IRCAM600 Pro External Day/Night Camera



- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 30m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating



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|----------------------|---------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | 2.8-12mm Manual Vari-Focal Lens |
| Minimum illumination | 0.001 Lux/F1.2; 0 Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 150mm(L) x 90mm(W) x 83mm(H) |
| Weight Approx | 1000g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP66 |

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- Resolution 700TVL
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- 2D Noise Reduction
- Exposure Control
- High Light Compensation



CCTV PRO CAMERAS

IRCAM700 Pro External Day/Night Camera

- 700 TVL
- 9-22mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 50m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating



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|----------------------|-------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | 9-22mm Manual Vari-Focal Lens |
| Minimum illumination | 0.001 Lux/F1.2; 0 Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 155(L) x 100mm(W) x 92(H)mm |
| Weight Approx | 1000g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP66 |



SONY
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IRCAM900 Pro External Day/Night Camera

- 700 TVL
- 5-50mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 50m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating



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|----------------------|-------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | 5-50mm Manual Vari-Focal Lens |
| Minimum illumination | 0.001 Lux/F1.2; 0 Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 185mm(L) x 105mm(H) x 95mm(H) |
| Weight Approx | 800g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP66 |



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MINIDOME Pro Internal/External Dome Camera



- 700 TVL
- 2.8mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- 12v DC 120mA
- Weatherproof IP65 rating



SONY
EffioTM

- Resolution 700TVL
- Adaptive Tone Reproduction
- 2D Noise Reduction
- Exposure Control
- High Light Compensation

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|----------------------|--------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | Fixed Lens (f=2.8mm) |
| Minimum illumination | 0.001 Lux/F1.2 |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 94mm(ø) x 68mm(H) |
| Weight Approx | 400g |
| Power consumption | 120mA |

IRDOME Pro Internal Day/Night Camera



- 700 TVL
- 4mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- 12v DC 120mA



SONY
EffioTM

- Resolution 700TVL
- Adaptive Tone Reproduction
- 2D Noise Reduction
- Exposure Control
- High Light Compensation

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|----------------------|------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | Built-in 4mm Fixed Lens |
| Minimum Illumination | 0.001Lux / F1.2,0Lux (IR ON) |
| S/N Ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -10°C To +45°C |
| Dimensions | 95mm(ø) x 85mm(H) |
| Weight Approx | 200g |
| Power Requirement | DC12V±10% & 400mA |

DOMEVF Pro Internal/External Dome Camera



- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- 12v DC 120mA



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|----------------------|---------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | 2.8-12mm Manual Vari-Focal Lens |
| Minimum illumination | 0.001 Lux/F1.2 |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 105mm(ç) x 70mm(H) |
| Weight Approx | 500g |
| Power consumption | 120mA |
| IP Rating | IP65 |

SONY
EffioTM

- Resolution 700TVL
- Adaptive Tone Reproduction
- 2D Noise Reduction
- Exposure Control
- High Light Compensation

IRDOMEXT Pro External Dome Camera



- 700 TVL
- 3.6mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- Up to 8m Infra Red illumination
- 12v DC 400mA (IR-on)



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|----------------------|-------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | Fixed Lens (f=3.6mm) |
| Minimum illumination | 0.001 Lux/F1.2; 0 Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 107mm(ç) x 70mm(H) |
| Weight Approx | 500g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP65 |

SONY
EffioTM

- Resolution 700TVL
- Adaptive Tone Reproduction
- 2D Noise Reduction
- Exposure Control
- High Light Compensation



IRDOMEXTVF Pro External Dome Camera



- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 30M Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating



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|----------------------|---------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | 2.8-12mm Manual Vari-Focal Lens |
| Minimum illumination | 0.001 Lux/F1.2; 0Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 120mm(ç) x 95mm(H) |
| Weight Approx | 800g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP65 |

SONY
EffioTM

- Resolution 700TVL
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- 2D Noise Reduction
- Exposure Control
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IRDOME3XVF Pro External Dome Camera



- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 10m Infra Red illumination
- 12v DC 400mA (IR-on)
- 3 axis mounting
- Vandal resistant



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|----------------------|---------------------------------|
| TVL | 700TVL |
| Image sensor | SONY EFFIO-E |
| Shutter speed | 1/50-1/120,000S |
| Lens type | 2.8-12mm Manual Vari-Focal Lens |
| Minimum illumination | 0.001 Lux/F1.2; 0Lux (IR ON) |
| S/N ratio | More Than 52dB (AGC OFF) |
| White Balance | ATW |
| Operating temp | -20 To +50 |
| Dimensions | 120mm(ç) x 95mm(H) |
| Weight Approx | 800g |
| Power consumption | IR on 400mA |
| Power consumption | IR off 120mA |
| IP Rating | IP65 |

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