# SONY

## SNC-WR632C

## Network Rapid Dome Full HD Camera - W Series

## Outdoor Unitized 1080p/60 fps Rapid Dome Camera Powered by IPELA ENGINE™ PRO Technology

- Maximum resolution of 1920 x 1080 pixels with the Exmor® CMOS sensor
- Powerful 30x optical zoom capability
- Dynamic range equivalent to 130 dB in Full HD mode achieved with View-DR® technology
- Industry-leading levels of panning performance with a pan speed of 700°/s
- Above horizon tilt of 20°, for a total of 220 degrees tilt capability
- Gyroscopic Image Stabilizer
- SD Card slot for on board storage
- High frame rate of 60 frames per second (fps)
- IK10-rated vandal-resistant and IP66-rated water-resistant/dust-tight features
- Highlight Compensation (HLC) inverts bright objects in a scene to black for better visibility





### **KEY FEATURES**

- IPELA ENGINE PRO signal processing system developed based on Sony's unique signal processing and intelligent video analytics technologies to provide unique features such as a high frame rate, View-DR, XDNR®, DEPA™ Advanced Intelligent Video Analytics, Gyroscopic Image Stabilizer, Focal Plane Distortion Correction, and Defog Image Processing
- Industry's leading 30x optical zoom capability to shoot various scenes over an extremely wide area, allowing capture of high-resolution images even from a great distance
- View-DR Sony's innovative wide dynamic range technology to capture objects clearly and adaptively even under very harsh, severe backlight or highlight conditions





ON

Actual Images

- Gyroscopic Image Stabilizer to help minimize the effect of camera shake or vibration, reducing image blur
- Focal Plane Distortion Correction technology to correct any image distortion generated in a scene by the CMOS sensor focal plane phenomenon
- DEPA Advanced Intelligent Video Analytics to trigger an alarm based on user-defined rules such as passing (virtual border)
- Visibility Enhancer (VE) technology optimizes contrast and makes a scene more visible. It's ideal for scenes where objects are hard to recognize due to severe backlight or shadows. VE optimizes the brightness and color reproduction of an image dynamically on a pixel-by-pixel basis while continuously adapting to the scene
- XDNR (eXcellent Dynamic Noise Reduction) technology for clear images with virtually no motion blur under low-light conditions
- High frame rate of 60 fps to provide smoother and less blurry moving pictures

 Defog Image Processing feature to help increase image visibility in poor weather conditions such as rain, fog, or smog



Actual Images\*

- \* The image on the right is produced with the camera's Defog Image Processing feature, after the camera shot this application photo as its subject.
- IK10-rated vandal-resistant feature to protect the camera from destructive behaviors
- IP66-rated water-resistant and dust-tight feature for outdoor surveillance, or for indoor use where water ingress may pose an issue
- Picture mode feature allows users to easily adjust camera settings based on scene requirements
- True D/N (Day/Night) function to switch to Day or Night mode depending on the light level
- VBR (variable bitrate) capable of maximum bitrate setting or CBR (constant bitrate) compression mode selectable to correspond with various network conditions
- Edge Storage function to record video and audio data with an SD/ SDHC card attached to the camera
- Easy initial network settings by supplied SNC Easy IP Setup Guide application
- Smartphone viewer to display an image of the camera on the smartphone's screen and control the camera's pan, tilt, and zoom functions by simple touch-panel manipulation
- ONVIF<sup>TM</sup> (Open Network Video Interface Forum) Profile S conformance firmware that ensures greater interoperability and more flexibility in building multi-vendor systems
- Highlight Compensation bright areas are turned to black or a dark gray for better visibility of a scene









#### **SPECIFICATIONS**

Image Sensor  Indige Sensor  Indige Sensor  Indige Sensor  Inscript Pickel  Approx. 2.38 Megapixels  Signal System  Inscript Pickel  Approx. 2.38 Megapixels  Internal synchronization  Internal synchro		SNC-WR632C
Number of Effective Paxels  Approx 2.38 Megapisels  Signal System  NTSCPAL (switchbele)  Sino System  Internal synchronization  Minimum Illumination (50 IRE)  BW 0.03 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.03 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.03 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, W OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.018 k (F1 o. View NR OFF, AGC ON, 1/30 s. 30 (ps)  BW 0.019 k (F1 o. View NR O	Camera	
Number of Effective Paxels  Approx 2 38 Megapixels  Signal System  NTSCPAL (workhorbie)  NISCAPAL (workhorbie)  NISCAPAL (workhorbie)  NISCAPAL (workhorbie)  NiscAPAL (workhorbie)  BW (0.03 k (F1 L. View NR OFF VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.03 k (F1 L. View NR OFF VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.03 k (F1 L. View NR OFF VE OFF, AGC ON, 1/30 s. 30 lps)  Dynamic Range  Equivalent to 13 old with View-DR GFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, VE OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, AGC ON, 1/30 s. 30 lps)  BW (0.018 k (F1 L. View-DR OFF, AGC ON, 1/30	Image Sensor	1/2.8-type progressive scan Exmor CMOS sensor
Internal synchronization (50 IRE)   RW (0.3 k (F) 1.6 View-DR OFF VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.03 k (F) 1.6 View-DR OFF VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.03 k (F) 1.6 View-DR OFF VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.03 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.018 k (F) 1.6 View-DR OFF, AGC ON, 1/30 s, 30 tps)   RW (0.01	Number of Effective Pixels	Approx. 2.38 Megapixels
Sinc System Internal synchronization  Minimum Illumination (50 IRE)  BW 0.03 x (F1 6, View-DR OFF VE OFF, AGC ON, 1/30 s, 30 (ps)  BW 0.03 x (F1 6, View-DR OFF VE OFF, AGC ON, 1/30 s, 30 (ps)  BW 0.03 x (F1 6, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 (ps)  BW 0.018 x (F1 6, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 (ps)  BW 0.019 x (Ps)  BW 0.018 x (Ps)  BW 0.018 x (Ps)  BW 0.018 x (Ps)  BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x (Ps) BW 0.019 x	Signal System	NTSC/PAL (switchable)
Minimum Illumination (SO IRE)   Color-0. 4 kr (F1.6. View DR OFF. VE OFF.AGC ON, 1730 s. 30 (ps)		
BMV D.0 3 k (F1 A. View DR OFF VE OFF AGC ON 1/30 s.30 (ps)		
Minimum Blumination (30 IRE)  Cool: 0.24 ix (F1.6. Weev-BR OFF. VE OFF.AGC ON, 1/30 s. 30 fps)  Punamic Range  SaW 0.018 ix (F1.6. Weev-BR OFF. VE OFF.AGC ON, 1/30 s. 30 fps)  Equivalent to 130 d8 with View-DR technology  More than 50 dB  Gain  Auto/Manual  Auto/Manual  1 s to 1/10.000 s  Exposure Control  Full unto Shutter sprintly, ins priority, Manual  All Van Mary Manual  All Andro Shutter priority, Ins priority, Manual  Andro Shutter priority, Ins priority, Institute pri		
BAYLO 18 Ix (F1 6. Verw-DR CFF, VE OFF, AGC ON, 1/30 s, 30 fps)  Phonomic Range Equivalent to 13 of dwith View-DR technology  SN Ratio (Goin O dB) More than 50 dB Auto-Monual  Shutter Speed I s to 1/10,000 s Exposure Control White Bolance  Alto-Monual  Full outo, Shutter priority, Iris priority, Manual Full outo, Shutter priority, Iris priority, Iris priority, Manual Full outo, Shutter priority, Iris priorit	Minimum Illumination (30 IDE)	
Dynamic Range Squinter 130 dB with View-DR technology SN Ratio (Soin O dB) More than 50 dB Suin Shutter Speed 1 1 s to 170.000 s Exposure Control White Bolance All Annual Annual All Annual Annu	Willing III III III III III (30 IKE)	
SN Batio (Goin O dB) Goin Auto-Monual Studies Speed Is to 170,000 s Studies Speed Is to 170,000 s Full and Shutter priority, into priority, i	Dunania Danas	
Gein Auto/Monual Studies peed 1 s to 1710.000 s Exposure Control Full outo, Studies priority, Iris priority, Manual White Bolance ANA AIV PRO, Indoor, Outoor, Fluorescent Impo, Mercury Impo, Sodium vapour Iomp, Metal halide Iomp, White LED, One push WB, Manual Lans Auto-flocus zoom Iens Powered Zoom Yes Zoom rollio Optical zoom 30x Digital zoom 12x Total zoom 360x Powered Focus Yes Auto Focus Yes Auto Focus Yes Auto Focus Yes Auto Focus Yes Focus Yes Auto Focus Yes A		
Shuther Speed Exposure Control Full outs Shuther priority, Iris priority, Manual White Balance Section Program of Program of Shuther priority, Iris priority, Manual White Balance Section Vapour lomp, Metal halide lamp, White LED, One push WB, Manual Lens Auto-Goous acom lens Optical zoom 12x Optical zoom 12x Optical zoom 12x Optical zoom 12x Optical zoom 260x Powered Focus Auto Focus Powered Focus Auto Focus Ves Horizontal Viewing Angle Say 7 to 2.3° Focal Length File All Smm to 129.0 mm File Minimum Object Distance Power In Speed Tour S		
Exposure Control   Full auto, Shutler priority, Iris priority, Manual		
White Bolance  AW ATW PRO, Indoor, Outdoor, Fluorescent lamp, Mercury lamp, Sodium vapour lamp, Metal halide lamp, White LED, One push WB, Manual Lens  Auto-facus zoom lens Powered Zoom Ves Zoom ratio  Optical zoom 30x Digital zoom 12x Total zoom 360x Polipidal zoom 12x Total zoom 360x Percent Sees Horizontal Viewing Angle 63.7° to 2.3° Horizontal Viewing Angle 63.7° to 2.3° Horizontal Viewing Angle 75 to 1.3° Focal Length F = 4.3 mm to 122.0 mm FNumber F1.0 (Wide) to F4.7 (fele) Minimum Object Distance 30.00 mm FNumber of F1.0 (Wide) to F4.7 (fele) Minimum Object Distance 30.00 mm Port/Ilit Angle (Rovered) 360° endless rolation/220° Pon Speed 700°/s (max.)* Ilit Speed 700°/s (max.)* Ilit Speed 700°/s (max.)* Number of Four Programs 5 Comarcal Editions Day/Night True D/N Wide-D View-DR Tone Correction Visibility Enhancer (VE) Delog Image Processing Ves Highlight Compensation Ves Noise Reduction XDNR Image Stabilizer Privacy Masking (number) 12 Privacy Masking (number) 12 Privacy Masking (number) 12 Privacy Masking (number) 12 Privacy Masking (color/effect) Fore Correction Programs Superimpose Language Final Profits Mercent Stabilizer Final Profits Final Profit		
Lens Auto-focus zoom lens Powered Zoom Powered Zoom Ves Zoom rotifio Optical zoom 30x Digital zoom 12x Total zoom 360x Powered Focus Auto Focus Powered Focus Powered Focus Ves Auto Focus Powered Focus Ves Horizontal Viewing Angle 63.7° to 2.3° Veriteal Viewing Angle 63.7° to 2.3° Veriteal Viewing Angle 70		
Lens	White Balance	
Powered Zoom		Sodium vapour lamp, Metal halide lamp, White LED, One push WB, Manual
Digital zoom 12x	Lens	Auto-focus zoom lens
Digital zoom 12x	Powered Zoom	Yes
Digital zoom 12x		Optical zoom 30x
Total zoom 360x Powered Focus Ves Auto Focus Ves Horizontal Viewing Angle 63.7° to 2.3° Vertical Viewing Angle 33.5° to 1.3° Focot Length F-1 4.3 mm to 129.0 mm F-Number F-16 (Wide) to F4.7 (Tele) Minimum Object Distance 30.0 mm Pon/Tilf Angle (Powered) 360° endless rotation/220° Pon Speed 700'/s (max.)** Till Speed 700'/s (max.)** Till Speed 700'/s (max.)** Number of Presel Positions 256 Number of Tour Programs 5 Comero Factures Day/Night True D/N Wide-D View-DR Tone Correction Visibility Enhancer (VE) Defog Image Processing Ves Highlight Compensation Ves Noise Reduction XDNR Image Stabilizer Privacy Masking (number) Privacy Masking (shope) Quadrangle Privacy Masking (shope) Quadrangle Privacy Masking (color/effect) Gray (6 scales)), Masaic Edge Storage Ves Superimpose Language Finglish Menu Language Finglish Finglish Menu Language Finglish Fing		
Powered Focus Yes  Alto Focus Yes  Horizontal Viewing Angle 33.5° to 1.3°  Vertical Viewing Angle 36.5° to 1.3°  Focol Length Far 4.3 mm to 129.0 mm  Focol Length Far 4.3 mm to 129.0 mm  FNumber F1.6 (Wide) to F4.7 (Tele)  Minimum Object Distance 300 mm  Pan/Till Angle (Powered) 360° endless rotation/220°  Pan Speed 700°/s (max)**  Till Speed 700°/s (max)**  Number of Drev Porsitions 256  Number of Drev Programs 5  Camera Facilities  Day/Night Tue D/N  Wide-D View-DR  Jone Correction Visibility Enhancer (VE)  Defag Image Processing Yes  Highlight Compensation Yes  Highlight Compensation Yes  Highlight Compensation Yes  Privacy Masking (number) 12  Privacy Masking (number) 12  Privacy Masking (shape) Quadrangle  Privacy Masking (shape) Quadrangle  Privacy Masking (shape) Groque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magento, Gray (6 scales)), Mosaic  Edge Storage Yes  Vandal Resistant III.10  Ingress Protection IP66  Ingress Protection IP66  Superimpose Language English Japonese, Chinese (Fraditional), French, Spanish German, Italian, Ilanguage  English Japonese, Chinese (Simplified), Chinese (fraditional), French, Spanish German, Italian, Polish  Memu Language English Japonese, Chinese (simplified), Chinese (fraditional), French, Spanish German, Italian, Norean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish  Memu Language English Japonese, Chinese (simplified), Chinese (fraditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish  Memu Language English Japonese, Chinese (Simplified), Chinese (Fraditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish  Memu Language English Japonese, Chinese (Simplified), Chinese (Fraditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish  Memu Language English Setting Adaptive Rate Control H 264 (High Mainin Raseline Profile), JPEG  Maximum Fr		
Auto Focus   Yes	Poworod Foous	
Horizontol Viewing Angle  63 7° to 2.3°  Vertical Viewing Angle  76 4.3 mm to 129 0 mm  F-Cocil Length  F-A.3 mm to 129 0 mm  F-Number  F1.6 (Wide) to F4.7 (fele)  Minimum Object Distance  300 mm  Pan/fill Angle (Powered)  360° endless notation/220°  Pon Speed  700°/s (mox.)**  Till Speed  700°/s (mox.)**  Number of Preset Positions  256  Number of Dru Programs  5  Camero Features  Day/Night  True DN  Wide-D  View-DR  Tone Correction  Visibility Enhancer (VE)  Defog Image Processing  Highlight Compensation  Yes  Noise Reduction  Noise Reduction  Noise Reduction  View-DR  Intage Stabilizer  Picture Mode  Yes  Privacy Masking (shape)  Quadrangle  Privacy Masking (color/effect)  Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic  Edge Storage  Yes  Vandal Resistant  IKTO  Imgress Protection  Jirkish, Polish  Menu Language  English  Menu Language  English, Japanese, Chinese (irraditional), French, Spanish  Germon, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi,  Turkish, Polish  Text (max Act Jamese)  H 2644 (High Main/Baseline Profilie), JPEG  Maximum Frame Rate  JEGe Storage  Ves  Victo  Campression Format  H 2644 (High Main/Baseline Profilie), JPEG  Maximum Frame Rate  JEGes Detection  H 2644 (High Main/Baseline Profilie), JPEG  Maximum Frame Rate  JEGes Detection  JPEG: 60 Jps (1280 x 720)  Biltrate Compression Mode  CRR/VBR (selectable)  Range of Biltrate Setting  Adoptive Rate Control  H 2644  H 2644 (High Main/Baseline Profilie), JPEG  Maximum Frame Rate  JEGES Adoptives  JEGES		
Vertical Viewing Angle		
Foot Length		
F.Number   F1.6 (Wide) to F4.7 (Tele)   Minimum Object Distance   300 mm   Port/filt Angle (Powered)   360° endless rotation/220°   Pan Speed   700°/s (max)**   Till Speed   700°/s (max)**   Till Speed   700°/s (max)**   Number of Preset Positions   256   Number of Preset Positions   256   Number of Tour Programs   5   Day/Night   True D/N   Wide-D   View-DR   Tone Correction   Visibility Enhancer (VE)   Defog Image Processing   Yes   Highlight Compensation   Yes   Noise Reduction   XDNR   Image Stabilizer   Gyroscopic Image Stabilizer   Pricture Mode   Yes   Privacy Masking (number)   12   Privacy Masking (shape)   Guadrangle   Privacy Masking (shape)   Guadrangle   Privacy Masking (shape)   Gyroscopic Image Stabilizer   Progress Protection   XIN   Ingress Protection   XIN   Ingress Protection   IR10   Ingress Protection   IP66   Superimpose Number   3 Independent positions for characters (Codec, Date & Time, Event, Direction, Text (max, 64 characters)), 1 independent position for logo marks   Superimpose Language   English   Menu Language		
Minimum Object Distance Pan/Tilf Angle (Powered) 360° endless rotation/220° Pan Speed 700°/s (max)** Tilf Speed 700°/s (max)** Tilf Speed 700°/s (max)** Tilf Speed 700°/s (max)** Number of Preset Positions 256 Number of Tour Programs 5 Cemeral Features Doy/Night True D/N Wide-D View-DR Jone Correction Visibility Enhancer (VE) Defog Image Processing Yes Noise Reduction Noise Reduction Visw-DR Jone Correction Vis		
Part/Fill Angle (Powered)   360° endless rotation/220°   Pan Speed   700°/s (max)**   Till Speed   700°/s (max)**   Till Speed   700°/s (max)**   Number of Presel Positions   256   Number of Presel Positions   5   Camera Features   DayNight   True D/N   Wide-D   View-DR   Tone Correction   Visibility Enhancer (VE)   Defog Image Processing   Ves   Highlight Compensation   Yes   Highlight Relectorion   Highlight Midnin/Baseline Profile), JPEG   Highlight Relectorion   Highlight Midnin/Baseline Profile), JPEG   Highlight Midnin/Baseline Profile), JPEG   Highlight Midnin/Baseline Profile), JPEG   Highlight Midnin/Baseline Profile)   Highlight Mid		
Pan Speed   700°/s (max)*    Ill Speed   700°/s (max)*    Number of Preset Positions   256     Number of Tour Programs   5     Camera Features     Day/Night   True D/N     Wide-D	Minimum Object Distance	
Pan Speed   700°/s (max)*    Ill Speed   700°/s (max)*    Number of Preset Positions   256     Number of Tour Programs   5     Camera Features     Day/Night   True D/N     Wide-D	Pan/Tilt Angle (Powered)	360° endless rotation/220°
Tilt Speed 700°/s (max)*1 Number of Preset Positions 256 Number of Four Programs 5 Suprimage Processing Yes Highlight Compensation Yes Under Masking (number) Yes Privacy Masking (number) 12 Privacy Masking (shape) Quadrangle Privacy Masking (shape) Quadrangle Privacy Masking (shape) Quadrangle Privacy Masking (shape) Quadrangle Privacy Masking (color/effect) Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic Edge Storage Yes Viole Alert Yes Vandal Resistant Ikto Ingress Protection IP66 Superimpose Number IP66 Superimpose Number IP66 Superimpose Number IP66 Superimpose Language English Menu Language English, Japonese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer Ves Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format H.264 (High/Main/Roseline Profile), JPEG Maximum Frame Rate H.264 (High/Main/Roseline Profile), JPEG Maximum Fram		
Number of Tour Programs         5           Commor Features         Commor Features           Day/light         True D/N           Wide-D         View-DR           Tone Correction         Visibility Enhancer (VE)           Defog Image Processing         Yes           Highlight Compensation         XDNR           Inose Reduction         XDNR           Image Stabilizer         Gyroscopic Image Stabilizer           Privacy Masking (number)         12           Privacy Masking (shape)         Quadrangle           Privacy Masking (shape)         Quadrangle           Privacy Masking (color/effect)         Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic           Edge Storage         Yes           Voice Alert         Yes           Vandal Resistant         IK10           Ingress Protection         IP66           Superimpose Language         English           Menu Language         English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish           Smartphone viewer         Yes           Video         Resolution         1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 340, 352 x 288, 320 x 184, (H.264,		
Number of Tour Programs  Camera Features  Day/Night  True D/N  Wide-D  View-DR  Jone Correction  Defog Image Processing  Yes  Highlight Compensation  Yes  Noise Reduction  Image Stabilizer  Privacy Masking (number)  Privacy Masking (shape)  Privacy Masking (shape)  Privacy Masking (color/effect)  Gyros (Saceles)), Mosaic  Edge Storage  Yes  Voice Alert  Yes  Voice Alert  Yes  Voice Alert  Ingress Protection  Superimpose Number  Bury Agrange  English  Menu Language  English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer  Viceo  Resolution  Audinum Frame Rate  H. 264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  H. 264 (High/Main/Baseline Profile), JPEG  Multi Streaming Capability  Triple streaming  Loga Passing, Intrusion, Left Object Detection, Removed Object Detection  Resolution  Pes Advanced  Intelligent Viceo Analytics  Analytics Architecture  DEPA Advanced  Passing, Intrusion, Left Object Detection, Removed Object Detection  Pes German Intrusion, Left Object Detection, Removed Object Detection  Resolution  Pes Superiman Programe  Per Superiman Programe  Per Superiman Programe  Per Superiman Profile Section  H. 264 (High/Main/Baseline Profile), JPEG  Multi Streaming Capability  Triple streaming  Number of Clients  Loga Passing, Intrusion, Left Object Detection, Removed Object Detection  Pes Scene Analytics  Passing, Intrusion, Left Object Detection, Removed Object Detection		
Camera Features DayNight True D/N Wide-D View-DR Tone Correction Visibility Enhancer (VE) Defog Image Processing Highlight Compensation Yes Noise Reduction XDNR Image Stabilizer Privacy Masking (number) Privacy Masking (number) Privacy Masking (number) Privacy Masking (shope) Privacy Masking (color/effect) Gray (6 scales)), Mosaic  Edge Storage Yes Vandal Resistant Ik10 Ingress Protection Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (mox. 64 characters)), 1 independent position for logo marks Superimpose Language English Menu Language English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish Smartphone viewer Ves Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG) Maximum Frame Rate H.264:60 fps (1920 x 1080) JPEG: 60 fps (1920 x 1080) JPEG: 6		
DayNight True D/N Wide-D View-DR Tone Correction Visibility Enhancer (VE) Defog Image Processing Yes Highlight Compensation Yes Noise Reduction XDNR Image Stabilizer Gyroscopic Image Stabilizer Privacy Masking (number) 12 Privacy Masking (number) 12 Privacy Masking (color/effect) Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic Edge Storage Yes Voice Alert Yes Vandal Resistant IK10 Ingress Protection IP66 Superimpose Language English (max. 64 characters), 1 independent position for logo marks Superimpose Language English, Japonese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish Smartphone viewer Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG) Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (High/Main/Baseline Profile), JPEG Muth Streaming Capability Triple streaming Number of Clients 20 Resolution H.264 Muth Streaming Capability Triple streaming Number of Clients 20 Intelligent Motion Detection Yes Comp Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio		0
View-DR		True DAI
Tone Correction Defog Image Processing Highlight Compensation Ves Noise Reduction Reductio		
Defog Image Processing  Highlight Compensation  Yes  Noise Reduction  XDNR  Image Stabilizer  Gyroscopic Image Stabilizer  Privacy Masking (number)  12  Privacy Masking (color/effect)  Gray (6 scoles)), Mosaic  Edge Storage  Yes  Vandal Resistant  IK10  Ingress Protection  Superimpose Number  3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks  Superimpose Language  English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish  German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer  Video  Resolution  1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format  H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  CBR/MR (selectable)  Range of Bifrate Settling  Adaptive Rate Control  H.264  Multi Streaming Capability  Triple streaming  Number of Clients  20  SEPA Advanced  Intelligent Motion Detection  Yes  Scene Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection  Audio		
Highlight Compensation  Ves  Noise Reduction  XDNR  Image Stabilizer  Picture Mode  Yes  Privacy Masking (number)  Privacy Masking (shape)  Privacy Masking (color/effect)  Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Groy (6 scales)), Mosaic  Edge Storage  Yes  Voice Alert  Yes  Voice Alert  Yes  Voice Alert  Ingress Protection  Ip66  Superimpose Number  Superimpose Language  English  Menu Language  English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish  Smartphone viewer  Video  Resolution  1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Despression Format  Maximum Frame Rate  H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  CBR/VBR (selectable)  Range of Bitrate Settling  Adoptive Rate Control  H.264  Mutti Streaming Capability  Triple streaming  DEPA Advanced  Intelligent Video Analytics  Analytics Architecture  DEPA Advanced  Intelligent Video Analytics  Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection  Addio		
Noise Reduction   XDNR     Image Stabilizer   Gyroscopic Image Stabilizer		
Image Stabilizer		
Picture Mode Yes Privacy Masking (number) 12 Privacy Masking (shape) Quadrangle Privacy Masking (color/effect) Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic Edge Storage Yes Voice Alert Yes Vandal Resistant IK10 Ingress Protection IP66 Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max, 64 characters)), 1 independent position for logo marks Superimpose Language English Menu Language English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish Smartphone viewer Yes Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG) Compression Format H.264 (HightMoir/Baseline Profile), JPEG Maximum Frame Rate H.264 (Ng 1920 x 1080) JPEG: 60 fps (1280 x 720) Bitrate Compression Mode CBRVBR (selectable) Range of Bitrate Setting 64 Kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Coene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Additio		XDNR
Privacy Masking (number) Privacy Masking (shape) Privacy Masking (shape) Quadrangle Privacy Masking (solor/effect) Gray (6 scales)), Mosaic Edge Storage Ves Voice Alert Ves Vandal Resistant IIR10 Ingress Protection Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks Superimpose Language English Menu Language English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish Smartphone viewer Ves Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG) Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264:60 fps (1920 x 1080) JPEG: 60 fps (1280 x 720) Bitrate Compression Mode CRRV/BR (selectable) Range of Bitrate Setting Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Motion Detection Yes Core Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio	Image Stabilizer	Gyroscopic Image Stabilizer
Privacy Masking (shape) Privacy Masking (color/effect) Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic Edge Storage Yes Voice Alert Yes Vandal Resistant IK10 Ingress Protection IP66 Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks Superimpose Language English, Japonese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish Smartphone viewer Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG) Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (Figh Spanish) Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients DEPA Advanced Intelligent Motion Detection Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio	Picture Mode	Yes
Privacy Masking (shape) Privacy Masking (color/effect) Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic Edge Storage Yes Voice Alert Yes Vandal Resistant IK10 Ingress Protection IP66 Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks Superimpose Language English, Japonese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish Smartphone viewer Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG) Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (Figh Spanish) Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients DEPA Advanced Intelligent Motion Detection Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio	Privacy Masking (number)	12
Privacy Masking (color/effect)  Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magento, Gray (6 scales)), Mosaic  Edge Storage  Yes  Voice Alert  Yes  Vandal Resistant  Ingress Protection  Superimpose Number  3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max, 64 characters)), 1 independent position for logo marks  Superimpose Language  English  Menu Language  English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thoi, Turkish, Polish  Smartphone viewer  Yes  Smartphone viewer  Yes  Smartphone viewer  Video  Resolution  1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format  H.264 (Hight Moin/Baseline Profile), JPEG  Maximum Frame Rate  H.264 (Orgs (1920 x 1080)  JPEG: 60 fps (1280 x 720)  Bitrate Compression Mode  CBRVBR (selectable)  Range of Bitrate Setting  64 Kbps to 32 Mbps  Adaptive Rate Control  H.264  Multi Streaming Capability  Triple streaming  Number of Clients  20  Intelligent Video Analytics  Analytics Architecture  DEPA Advanced  Intelligent Wolton Detection  Yes  Scene Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection		Quadranale
Gray (6 scales)), Mosaic  Edge Storage Yes  Voice Alert Yes  Vandal Resistant IR10 Ingress Protection IP66 Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks  Superimpose Language English Menu Language English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer Yes Video  Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate H.264: 60 fps (1920 x 1080)  JPEG: 60 fps (1280 x 720)  Bitrate Compression Mode CRRV/BR (selectable)  Range of Bitrate Setting 64 kbps to 32 Mbps  Adaptive Rate Control H.264  Multi Streaming Capability Triple streaming  Number of Clients 20  Intelligent Video Analytics  Analytics Architecture DEPA Advanced  Intelligent Motion Detection Yes  Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection  Audio		
Edge Storage  Ves  Voice Alert  Ves  Voice Alert  Yes  Vondal Resistant  IK10  Ingress Protection  IP66  Superimpose Number  3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (mox. 64 characters)), 1 independent position for logo marks  Superimpose Language  English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer  Video  Resolution  1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format  H.264 (Hight/Main/Baseline Profile), JPEG  Maximum Frame Rate  H.264 (Hight/Main/Baseline Profile), JPEG  H.264 (So figs (1920 x 1080)  JPEG: 60 figs (1280 x 720)  Bitrate Compression Mode  CBR/VBR (selectable)  64 Kaps to 32 Maps  Adaptive Rate Control  H.264  Multi Streaming Capability  Triple streaming  Number of Clients  20  Intelligent Video Analytics  Analytics Architecture  DEPA Advanced  Intelligent Motion Detection  Yes  Tamper Alarm  Yes  Scene Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection  Audio	Tirracy maching (color, check)	
Voice Alert         Yes           Vandal Resistant         IK10           Ingress Protection         IP66           Superimpose Number         3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks           Superimpose Language         English           Menu Language         English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish           Smartphone viewer         Yes           Video         Video           Resolution         1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)           Compression Format         H.264 (40 fps (1920 x 1080)           Maximum Frame Rate         H.264 60 fps (1920 x 1080)           JPEG: 60 fps (1280 x 720)         Bitrate Compression Mode           Range of Bitrate Setting         64 Kpps to 32 Mbps           Adaptive Rate Control         H.264           Mutti Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Triple streaming           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Tamp	Edge Storage	
Vandal Resistant         IK10           Ingress Protection         IP66           Superimpose Number         3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks           Superimpose Language         English           Menu Language         English, Jopanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish           Smartphone viewer         Yes           Video           Resolution         1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)           Compression Format         H.264 (High/Main/Baseline Profile), JPEG           Maximum Frame Rate         H.264:60 fps (1920 x 1080)           JPEG: 60 fps (1280 x 720)         JPEG: 60 fps (1280 x 720)           Biftrate Compression Mode         CBR/VBR (selectable)           Range of Bitrate Setting         64 kbps to 32 Mbps           Adaptive Rate Control         H.264           Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Tomper Alarm         Yes </td <td></td> <td></td>		
Ingress Protection Superimpose Number 3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks Superimpose Language English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer Victo Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (Fig. 1920 x 1080) JPEG: 60 fps (1280 x 720)  Bitrate Compression Mode CBR/VBR (selectable) Range of Bitrate Settling 64 Kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 10 DEPA Advanced Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Addio		
Superimpose Number  3 independent positions for characters (Codec, Date & Time, Event, Direction, Text (max. 64 characters)), 1 independent position for logo marks  Superimpose Language  English Menu Language  English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer  Yes  Video  Resolution  1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format  H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  H.264:60 fps (1280 x 720)  Bitrate Compression Mode  CBRVBR (selectable)  Range of Bitrate Setting  64 Kpps to 32 Mbps  Adaptive Rate Control  H.264  Multi Streaming Capability  Triple streaming  Number of Clients  Intelligent Video Analytics  Analytics Architecture  DEPA Advanced  Intelligent Motion Detection  Yes  Tamper Alarm  Yes  Scene Analytics  Passing, Intrusion, Left Object Detection, Removed Object Detection		
Text (max. 64 characters)), 1 independent position for logo marks  Superimpose Language English, Jopanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer Yes Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264:60 fps (1920 x 1080) JPEG: 60 fps (1280 x 720)  Bitrate Compression Mode CBRV/BR (selectable) Range of Bitrate Setting 64 kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients United Setting Triple streaming Number of Clients United Setting DEPA Advanced Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio		
Superimpose Language English Menu Language English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish  Smartphone viewer Video Resolution 1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264 (Fig. 1920 x 1080) JPEG: 60 fps (1280 x 720)  Bitrate Compression Mode CBR/VBR (selectable) Range of Bitrate Settling 64 Kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio	Superimpose Number	
English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish   Smartphone viewer   Yes		
German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish		
German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai, Turkish, Polish	Menu Language	English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish
Turkish, Polish		
Video         1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)           Compression Format         H.264 (High/Main/Roseline Profile), JPEG           Maximum Frame Rate         H.264:60 fps (1920 x 1080)           JPEG: 60 fps (1280 x 720)           Bitrate Compression Mode         CBRVRR (selectable)           Range of Bitrate Setting         64 kbps to 32 Mbps           Adaptive Rate Control         H.264           Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Analytics Architecture           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Tacce Detection         Yes           Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Leff Object Detection, Removed Object Detection           Audio         Audio		
Video         1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)           Compression Format         H.264 (High/Main/Roseline Profile), JPEG           Maximum Frame Rate         H.264:60 fps (1920 x 1080)           JPEG: 60 fps (1280 x 720)           Bitrate Compression Mode         CBRVRR (selectable)           Range of Bitrate Setting         64 kbps to 32 Mbps           Adaptive Rate Control         H.264           Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Analytics Architecture           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Tacce Detection         Yes           Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Leff Object Detection, Removed Object Detection           Audio         Audio	Smartphone viewer	Yes
Resolution         1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)           Compression Format         H.264 (High/Main/Baseline Profile), JPEG           Maximum Frame Rate         H.264:60 fps (1920 x 1080)           JPEG: 60 fps (1280 x 720)           Bitrate Compression Mode         CBR/VBR (selectable)           Range of Bitrate Setting         64 Kbps to 32 Mbps           Adaptive Rate Control         H.264           Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Face Detection         Yes           Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Left Object Detection, Removed Object Detection           Audio         Audio		
640 x 480, 640 x 360, 352 x 288, 320 x 184, (H.264, JPEG)		1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576
Compression Format H.264 (High/Main/Baseline Profile), JPEG Maximum Frame Rate H.264:60 fps (1920 x 1080) JPEG: 60 fps (1920 x 1080) JPEG: 60 fps (1280 x 720) Bitrate Compression Mode CBR/VRR (selectable) Range of Bitrate Setting 64 Kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Taceo Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio		
Maximum Frame Rate         H.264:60 fps (1920 x 1080)           JPE6: 60 fps (1280 x 720)           Bitrate Compression Mode         CBR/VBR (selectable)           Range of Bitrate Setting         64 Kbps to 32 Mbps           Adaptive Rate Control         H.264           Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Analytics Architecture           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Face Detection         Yes           Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Left Object Detection, Removed Object Detection           Audio	Compression Format	
JPEG: 60 fps (1280 x 720)  Bitrate Compression Mode CBR/VBR (selectable)  Range of Bitrate Setting 64 Kbps to 32 Mbps  Adaptive Rate Control H.264  Multi Streaming Capability Triple streaming  Number of Clients 20  Intelligent Video Analytics  Analytics Architecture DEPA Advanced  Intelligent Motion Detection Yes  Face Detection Yes  Tamper Alarm Yes  Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection  Audio		
Bitrate Compression Mode CBR/VBR (selectable) Range of Bitrate Settling 64 Kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Victo Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Tace Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Addio	Muximum rume Rule	
Range of Bitrate Setting 64 Kbps to 32 Mbps Adaptive Rate Control H.264 Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio	Diturts Occurred to March	
Adaptive Rate Control H.264  Multi Streaming Capability Triple streaming  Number of Clients 20  Intelligent Video Analytics  Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		
Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Taceo Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection Audio		
Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		
Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio	Multi Streaming Capability	Triple streaming
Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		
Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Tone Detection Yes Tomper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		
Intelligent Motion Detection Yes Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		DFPA Advanced
Face Detection Yes Tamper Alarm Yes Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		
Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Left Object Detection, Removed Object Detection           Audio         Passing, Intrusion, Left Object Detection, Removed Object Detection		
Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection Audio		
Audio		
		Passing, Intrusion, Left Object Detection, Removed Object Detection
	Audio	

#### **DIMENSIONS**



Unit: inches (mm)

System Requirements Operating System	Windows XP® (32 bit) Professional Edition
Operating System	
	Windows Vista® (32 bit) Ultimate, Business Edition
	Windows 7 (32/64 bit) Ultimate, Professional Edition
	Windows 8 Pro® (32/64 bit), Windows 8.1 Pro (32/64 bit)
Processor	Intel Corei7 2.8 GHz or higher
Memory	2 GB or more
Web Browser	Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver. 10.0, Ver. 11.0
	Firefox® Ver. 19.02 (plug-in free viewer only)
	Safari® Ver. 5.1 (plug-in free viewer only)
	Google Chrome® Ver. 25.0 (plug-in free viewer only)
Network	
Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP*2, HTTP, DHCP, DNS, NTP, RTP/RTCP,
	RTSP over TCP, RTSP over HTTP, IPv6, HTTPS, SNMP (v1, v2c, v3),
	FTP (client only), SSL, UPnP (from ver 2.2)
QoS	DSCP
Multicast Streaming Support	Yes
	Profile S
ONVIF Conformance	
Authentication	IEEE 802.1X
nterface	
Analog Video Output	BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative
Microphone Input	Mini jack (monaural), MIC IN/LINE IN: 2.5 V DC plug-in power
Line Input	Mini jack (monaural)
Line Output	Mini jack (monaural), Maximum output level: 1 Vrms
Network Port	10BASE-T/100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	x4, make contact, break contact
Alarm Output	x2, 24 V AC/DC, 1 A (mechanical relay outputs electrically isolated from the
23,90	camera)
Serial Interface	RS-422/RS-485 (PELCO D protocol)
Card Slots	SD Card x 1
	Max. 64 GB
Confirmed SD Card Type	M0X. 64 GB
General	
Power Requirements	HPoE+ system*3, AC 24 V
Power Consumption	Max. 30.0 W (AC 24 V/HPoE+, heater OFF)*3
	Max. 80.0 W (AC 24 V, heater ON)
	Max. 55.0 W (HPoE+, heater ON)*3
Operating Temperature	-40°F to +122°F (-40°C to +50°C) (AC 24 V)
	-22°F to +122°F (-30°C to +50°C) (HPoE+)*3
Cold Start Temperature	-40°F to +122°F (-40°C to +50°C) (AC 24 V)
	-22°F to +122°F (-30°C to +50°C) (HPoE+)*3
Storage Temperature	4°F to +140°F (-20°C to +60°C)
Operating Humidity	20% to 80%
Storage Humidity	20% to 95%
Built-in Heater	Yes
Dimensions (W x H x D)*4	ø8 3/4 inches x 12 7/8 inches (ø222.0 mm x 324.1 mm)
Weight	Approx. 9 lb 0.6 oz (4.1 kg)
External Material	Dome cover: PC
	Top sunshade: PC
	Coupling: ADC12
	Top cabinet: ADC12
	Sun shade: PC
	Dome flange: ADC12
External Color	Top sunshade: 6.4GY 8.0/0.3
Exicinal color	Coupling: 3.6GY 8.4/0.3
	Top cabinet: 3.6GY 8.4/0.3
	Sun shade: 6.4GY 8.0/0.3
	Dome flange: 3.6GY 8.4/0.3
Supplied Accessories	CD-ROM (supplied programs) (1)
	Installation Manual (1)
	Dome cover (1)
	Top sunshade (1)
	Coupling (1)
	Wire-fixing belt (1)
	Wire bracket (1)
	Bolts (2)
	Power supply connector 3-pin (1)
	VO harness 14-pin (1)
	Harness band (1)
	Band mount (1)

Optional Accessories		
Model		
UNI-RMB1	Parapet Mount Bracket 2ft	
UNI-RMB2	Parapet Mount Bracket 3ft	
UNI-WMB3	Low Profile Wall Mount Bracket	
YT-LDR632S	Dome Cover Smoked	

- \*1 Available when the preset mode is ON.
  \*2 SSM (Source Specific Multicast) is supported.
  \*3 Power supply is generated from PowerDsine® 9501G/B by using 4 wires.
  \*4 The values for dimensions are approximate.

©2015 Sony Electronics Inc. All rights reserved.

Reproduction in whole or in part without permission is prohibited.

Features and specifications are available for firmware version 2.3 or later and subject change without notice.

Weights and dimensions are approximate.
Sony, IPELA ENGINE, Exmor, View-DR, XDNR, DEPA,

ONVIF and the Sony logo are trademarks of Sony.

All other trademarks are the property of their respective owners.

Sony Electronics Inc. 1 Sony Drive Park Ridge, NJ 07656 sony.com/security