

## Box-type 720p/30fps Camera Powered by IPELA ENGINE™ EX Technology

- Maximum resolution of 1280 x 1024 pixels with the Exmor® CMOS sensor
- Extremely Wide Dynamic Range to 130dB achieved with View-DR® technology
- Picture mode to optimize picture quality in various applications
- DEPA<sup>TM</sup> Advanced Intelligent Video Analytics enhanced by unique features such as face detection
- H.264 (High/Main/Baseline Profile)/JPEG video codecs
- Minimum illumination of 0.05 lx in Color and 0.04 lx in B/W (50 IRE @ 1/30 sec)
- True D/N (Day/Night) function
- Image Stabilizer to help minimize the effect of camera shake or vibration to achieve less blurry images



## KEY FEATURES

- IPELA ENGINE™ EX signal processing system developed based on Sony's unique signal processing and video analytics technologies to provide unique features  $IPEL\Lambda$ such as View-DR, XDNR®, and DEPA™ Advanced technologies
- · View-DR Sony's innovative wide dynamic range technology - to capture objects clearly and adaptively even under very harsh, severe backlight or highlight conditions





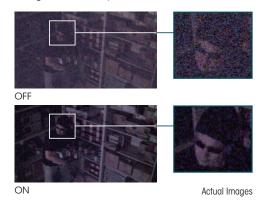


Actual Images

- · Visibility Enhancer (VE) to optimize the brightness and color reproduction of an image dynamically on a pixel-by-pixel basis while continuously adapting to the scene within the given dynamic range
- · DEPA Advanced Intelligent Video Analytics to trigger an alarm based on user-defined rules



• XDNR (eXcellent Dynamic Noise Reduction) technology for clear images with virtually no motion blur under low illumination



- Picture mode selectable from a range of camera scenes in the setting menu to optimize picture quality in various applications
- True D/N (Day/Night) function to switch to Day or Night mode depending on the light level
- Built-in HTML viewer compatible with most Smartphones
- · Easy Focus function for easy installation
- Powered by PoE (IEEE 802.3af-compliant) for easy installation
- ONVIF™ (Open Network Video Interface Forum) Profile S conformance software that ensures greater interoperability and more flexibility in building multiple-vendor systems
- VBR (variable bitrate) or CBR (constant bitrate) compression mode selectable to correspond with various network conditions
- · Easy initial network settings with supplied SNC Easy IP Setup Guide application
- · Image Stabilizer to help minimize the effect of camera shake or vibration to achieve less blurry images



## **SPECIFICATIONS**

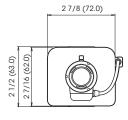
| Cometa   1/3-hype progressive scon Emmor CMOS  |                                  | SNC-EB600   |
|--|----------------------------------|---|
| Number of Effective Pixels  Syne System  NTSC  Syne System  NTSC  Syne System  Inferrial synchronization  Inferrial synchronization  Color: 0.0 Six (F1.0. New-DR OFE VE OFE AGC ON. 1/30 s. 30 fps)  8/W 104 lk (F1.0. New-DR OFE VE OFE AGC ON. 1/30 s. 30 fps)  8/W 104 lk (F1.0. New-DR OFE VE OFE AGC ON. 1/30 s. 30 fps)  8/W 102 lk (F1.0.  | Camera                           | 1 0.13 25000  |
| Number of Effective Pixels  Sync System  NTSC  Sync System  Inferred synchronization  NTSC  Sync System  Minimum Illumination (50 life)  Dynamic Range  Equipment of Color (0.5 k (F1.0, New-DR OFEVE OFE AGC ON, 1/30 s. 30 fps)  B/W 10.0 ki (F1.0, New-DR OFE  |                                  | 1/3-type progressive scan Exmor CMOS                        |
| Signat System   NTSC   |                                  |   |
| Internal synchronization   Internal synchronization   Internal synchronization   Color 1,05 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D4 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D4 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D4 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF VE OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-DR OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-D7 OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-D7 OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k (F1.0, View-D7 OFF AGC ON, 1/30 s, 30 fps)   B/W. D62 k    |                                  |   |
| Minimum Illumination (50 IRE)   Color : 0.05 k. (F1.0. Wew-DR OFF VE OFF AGC ON, 1/30 s. 30 (ps.)  | Sync System                      | Internal synchronization                                    |
| B/W. 0.04 ix (F1.0. View-DR OFF VE OFF AGC CON. 1/30 s. 30 (ps)  |                                  |   |
| Minimum Illumination (30 IRE)   Color 0.03 kr (P1.0 kew-DR OFF VE OFF AGC ON 1/30 s. 30 fps)   | ` ′                              |   |
| B.W. 0.02 ix (F1.0. View-DR OFF.VE OFF. AGC ON, 1/30 s, 30 (ps) Dynamic Range Equivalent for 13 ald with View-OR technology S/N Ratio More than 50 dB (Gain 0 dB) Gain Auto Shutter Speed 1/1 s to 1/10.000 s Exposure Control Expo | Minimum Illumination (30 IRE)    |   |
| Dynamic Range   Equivalent to 130 dB with View-DR technology   | ,                                |   |
| S/N Ratio  More than 50 dB (Gain 0 dB)  Shutter Speed  1/1 s to 1/10,000 s  Exposure Control  Auto  A  | Dynamic Range                    |   |
| Souther Speed   1/1 s to 1/10.000 s  |                                  |   |
| Shutter Speed  |                                  |   |
| Exposure Control   Exposure compensation, AGC, Shutler speed, Iris   |                                  |   |
| While Balance  |                                  |   |
| Iomp, Metal halide Iamp, White LED, One push WB, Manual  |                                  |   |
| Lens  Com Ratio  Coplical zoom 2 / X Digital zoom 4x Total zoom 10.8x  Easy Focus for Setup  Ves  Horizontal Viewing Angle  92.5° to 35.7°  Pose Length Focal Length Focal Length Focal Length Fill (Wide) to F1.65 (Tele)  Minimum Object Distance Comercia Features  Day/Night True D/N WideD  Niew-DR Tone Correction Visibility Enhancer (VE) Noise Reduction Noise Reduc  | White Balance                    |   |
| Copilical zoom 2.7x  | Long                             |   |
| Digital zoom 4x  |                                  |   |
| Total zoom 10.8x   | Zoom Ratio                       |   |
| Fasy Focus for Setup   |                                  |   |
| Horizontal Viewing Angle         92.5" to 38.7°           Vertical Viewing Angle         72.7" to 28.6°           Focal Length         f = 3.0 mm to 8.0 mm           F-Number         F1.0 (Wide) to F1.65 (fele)           Minimum Object Distance         200 mm           Comera Features         View-DR           Day/Night         True D/N           Wide-D         View-DR           Tone Correction         Visibility Enhancer (VE)           Noise Reduction         XDNR           Image Stabilizer         Yes           Privacy Masking (number)         20           Privacy Masking (shape)         Quadrangle formed by any four corner points           Privacy Masking (shape)         Quadrangle formed by any four corner points           Privacy Masking (shape)         Quadrangle formed by any four corner points           Privacy Masking (shape)         Quadrangle formed by any four corner points           Privacy Masking (shape)         Quadrangle formed by any four corner points           Superimpose Number         20           Superimpose Number         3 independent positions for character (Codec. Date & Time, Event. [set (Max. 64 characters).] 1 independent position for logo marks           Superimpose Language         English. Japonese, Chinese (simplified). Chinese (traditional), French. Spanish, German, Italian, Korean, Portugues   |                                  |   |
| Vertical Viewing Angle   |                                  |   |
| Food Length   f = 3.0 mm to 8.0 mm   F-Number   F1.0 (Wide) to F1.65 (fele)   Minimum Object Distance   Day/Night   True D/N   Wide-D   View-DR   Tone Correction   Visibility Enhancer (VE)   Noise Reduction   XDNR   Image Stabilizer   Yes   Privacy Masking (number)   20   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking (color/effect)   Quadrangle formed by any four corner points   Privacy Masking four corner points   Quadrangle formed by any four corner points   Privacy Masking four corner points   Quadrangle for  |                                  |   |
| FN. Umber   F1. 0 (Wide) to F1.65 (Tele)   |                                  |   |
| Minimum Object Distance   200 mm   View-DR   True D/N   Wide-D   View-DR   Once Correction   Visibility Enhancer (VE)   Noise Reduction   XDNR   Inage Stabilizer   Yes   Privacy Masking (number)   20   Privacy Masking (shape)   Quadrangle formed by any four corner points   Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 socies)), Mosacic   Superimpose Number   3 independent positions for character (Codec, Date & Time, Event, 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   Smartphone viewer   Yes   Video   Yes     | Focal Length                     | f = 3.0 mm to 8.0 mm  |
| Minimum Object Distance         200 mm           Camera Features         Common Features           Day/Night         True D/N           Wide-D         View-DR           Tone Correction         Visibility Enhancer (VE)           Noise Reduction         XDNR           Image Stabilizer         Yes           Privacy Masking (number)         20           Privacy Masking (color/effect)         Quadrangle formed by any four corner points           Privacy Masking (color/effect)         Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic           Superimpose Number         3 independent positions for characters), 1 independent position for logo marks           Superimpose Language         English           Menu Language         English, Japanese, Chinese (simplified), Chinese (traditional), French, Saanish, German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai           Smartphone viewer         Yes           Video           Resolution         1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (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 (High/Main/Baseline Profile), J   | F-Number                         | F1.0 (Wide) to F1.65 (Tele)                                 |
| Compression Format         1280 x 1024 x 288 x 298 x 298 x 320 x 240 (High/Main) Reseline Profile)           Compression Format         L280 x 1024 x 280 x 1024 y 298 x 298   | Minimum Object Distance          |   |
| Day/Night         True D/N           Wide-D         View-DR           Tone Correction         Visibility Enhancer (VE)           Noise Reduction         XDNR           Image Stabilizer         Yes           Privacy Masking (number)         20           Privacy Masking (shape)         Quadrangle formed by any four corner points           Privacy Masking (shape)         Quadrangle formed by any four corner points           Superimpose Number         3 independent positions for character (Codec, Date & Time, Event, Text (Max. 64 characters)), 1 independent position for logo marks           Superimpose Language         English         Privacy Masking (shape)           Menu Language         English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish, German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai           Smartphone viewer         Yes           Video         Ves           Resolution         1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H 2e4, 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 (High/Main/Baseline Profile), JPEG           Bitrate Compression Mode         Rate of Profilems Profilems Profilems Prof  |                                  |   |
| View-DR   View-DR   Visibility Enhancer (VE)   Noise Reduction   XDNR   Mage Stabilizer   Yes   Privacy Masking (number)   20   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Privacy Masking (shape)   Quadrangle formed by any four corner points   Quadrangle formed by any four corner   Quadrangle four four points   Quadrangle formed by any four corner   Quad   |                                  | True D/N  |
| Tone Correction  |                                  |   |
| Noise Reduction   XDNR     Image Stabilizer   Yes  |                                  |   |
| Image Stabilizer Privacy Masking (number) Privacy Masking (shape) Privacy Masking (shape) Privacy Masking (shape) Puscy Masking (sha |                                  |   |
| Privacy Masking (number)         20           Privacy Masking (solor/effect)         Quadrangle formed by any four corner points           Privacy Masking (color/effect)         Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)). Mosaic           Superimpose Number         3 independent positions for character (Codec, Date & Time, Event, 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           Smartphone viewer         Yes           Video           Resolution         1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (Hzd4, JPEG)           Maximum Frame Rate         H.264 (High/Main/Baseline Profile), JPEG           Maximum Frame Rate         H.264 (High/Main/Baseline Profile), JPEG           Maximum Frame Rate         H.264 (Sps to 32 Mbps           Solid PTZ         Yes           Adaptive Rate Control         H.264           Bandwidth Control         JPEG           Multi Streaming Capability         Triple streaming           Number of Clients         20           1ntelligent Motion Detection         Yes <tr< td=""><td></td><td>12.11</td></tr<>  |                                  | 12.11   |
| Privacy Masking (shape) Privacy Masking (color/effect) Privacy Masking (color/effect) Opaque: 14 colors (Black, While, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Mosaic  Superimpose Number 3 independent positions for character (Codec, Date & Time, Event, 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  Smartphone viewer  Video Resolution  1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H. 264, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate H.264: 30 fps (1280 x 1024)  Bitrate Compression Mode CBR/VBR (selectable) Range of Bitrate Setting Solid PTZ Ves Adaptive Rate Control H.264 Bandwidth Control H.264 Bandwidth Control H.264 Bandwidth Control H.264 Bandwidth Control PEG Multi Streaming Capability Triple streaming Number of Clients 20 Intelligent Video Analytics Analytics Archifecture DEPA Advanced Intelligent Motion Detection Face Detection Ves Scene Analytics Possing, Intrusion, Leff Object Detection, Removed Object Detection Windows® 7 (32/64 bit) Professional Edition Windows® 7 (32/64 bit) Ultimate, Professional Edition Windows® 8 Pro (32/64 bit) Microsoff® Direct 9 Os or higher Memory Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 1.9.02 (plug-in free viewer only)   | -                                |   |
| Privacy Masking (color/effect)  Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow, Magenta, Gray (6 scales)), Moscaic  Superimpose Number  3 independent positions for character (Codec, Date & Time, Event, 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  Smartphone viewer  Video  Resolution  1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)  Compression Format  H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  H.264: 30 fps (1280 x 1024)  JPEG: 30 fps (1280 x 1024)  Bitrate Compression Mode  CBR/VBR (selectable)  Range of Bitrate Settling  64 Kbps to 32 Mbps  Solid PTZ  Ves  Adaptive Rate Control  H.264  Bandwidth Control  H.264  Bandwidth Control  Wildi Streaming Capability  Number of Clients  20  Intelligent Video Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection  System Requirements  Operating System  Windows® XP™ (32 bit) Professional Edition  Windows® 7 (32/64 bit) Ultimate, Business Edition  Windows® 8 Pro (32/64 bit)  Microsoff® DirectX 9.0 or higher  Memory  Veb Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  |                                  |   |
| Magenta, Gray (6 scales)). Mosaic  3 independent positions for character (Codec, Date & Time, Event, 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  Smartphone viewer Yes  Video  Resolution 1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (Hz.264, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate H.264: 30 fps (1280 x 1024)  Bitrate Compression Mode CBR/VBR (selectable)  Range of Bitrate Setting 44 Kbps to 32 Mbps  Solid PT Ves  Adaptive Rate Control JPEG  Mutit Streaming Capability Triple streaming  Number of Clients DEPA Advanced  Intelligent Motion Detection Yes  Cace Detection Yes  Cace Detection Yes  Scene Analytics Possion, Intrusion, Left Object Detection, Removed Object Detection  Windows® XPIM (32 bit) Professional Edition  Windows® XPIM (32 bit) Ultimate, Professional Edition  Windows® APRO (32/64 bit) Ultimate, Professional Edi |                                  |   |
| Superimpose Number    Superimpose Language   | Privacy iviasking (color/effect) |   |
| Event, 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  Smartphone viewer Yes  Video  Resolution 1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (Hz.244, JPEG)  Compression Format H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate H.264: 30 fps (1280 x 1024)  Bitrate Compression Mode CRR/VBR (selectable)  Range of Bitrate Setting 64 Kbps to 32 Mbps  Solid PTZ Yes  Adaptive Rate Control H.264  Bandwidth Control JPEG  Multi Streaming Capability Tiple streaming  Number of Clients 20  Intelligent Video Analytics  Analytics Architecture DEPA Advanced  Intelligent Motion Detection Yes  Scene Analytics Passing Alam Yes  Scene Analytics Passing System  Windows® XP™ (32 bit) Professional Edition  Windows® 8 Pro (32/64 bit) Ultimate, Business Edition  Windows® 8 Pro (32/64 bit) Ultimate, Business Edition  Windows® 8 Pro (32/64 bit) Ultimate, Professional Edition  Windows® 8 Pro (32/64 bit)  Microsoff® Direct 9 .0c or higher  Memory 2 GB or more  Web Browser  Microsoff® Internet Explorer Ver. 7. 0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  | Comparison and Normale as        |   |
| marks Superimpose Language English Japanese, Chinese (simplified), Chinese (traditional), French, Spanish, German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai  Smartphone viewer Video Resolution  1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)  Compression Format  H. 264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate H. 264: 30 fps (1280 x 1024) JPEG: 3 | superimpose Number               |   |
| Superimpose Language         English Apanese, Chinese (simplified), Chinese (traditional), French, Spanish, German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai           Smartphone viewer         Yes           Video           Resolution         1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)           Compression Format         H.264 (High/Main/Baseline Profile), JPEG           Maximum Frame Rate         H.264: 30 fps (1280 x 1024)           JPEG: 30 fps (1280 x 1024)         JPEG           Bitrate Compression Mode         CBR/VBR (selectable)           Range of Bitrate Setting         64 Kbps to 32 Mbps           Solid PTZ         Yes           Adaptive Rate Control         H.264           Banawidth Control         JPEG           Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         20           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Scene Analytics         Passing, Intrusion, Leff Object Detection, Removed Object Detection           System Requirements         Windows® 7 (32 bit) Professional Edition           Operating System         Windows® 7 (32 bit) Professional Edit  |                                  |   |
| English, Japanese, Chinese (simplified), Chinese (traditional), French, Spanish, German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai  Smartphone viewer  Ves  Video  Resolution  1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H;244, JPEG)  Compression Format  H. 264; 18(High/Main/Baseline Profile), JPEG  Maximum Frame Rate  H. 264; 30 fps (1280 x 1024)  JPEG: 30 fps (1280 x 1024)  Bitrate Compression Mode  CBR/VBR (selectable)  Range of Bitrate Setting  Solid PTZ  Ves  Adaptive Rate Control  H. 264  Bandwidth Control  JPEG  Multi Streaming Capability  Number of Clients  20  Intelligent Video Analytics  Analytics Architecture  Intelligent Motion Detection  Face Detection  Yes  Scene Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection  System Requirements  Operating System  Windows® 7 (32/64 bit) Ultimate, Professional Edition  Windows® 8 Pro (32/64 bit)  Microsoff® DirectX 9.00 or higher  Memory  Veb Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  Safari Ver. 5.1 (plug-in free viewer only)   | Superimpose Language             |   |
| French, Spanish, German, Italian, Korean, Portuguese, Russian, Arabic, Hindi, Vietnamese, Thai  Smartphone viewer  Video  Resolution  1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)  Compression Format  H. 264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  H. 264: 30 fps (1280 x 1024)  JPEG: 3 |                                  |   |
| Arabic, Hindl, Vietnamese, Thai  Video  Resolution  1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, IPEG)  Compression Format  H.264 (High/Main/Baseline Profile), JPEG  Maximum Frame Rate  H.264 (30 fps (1280 x 1024)  JPEG: 30 fps (1280 x 1024)  JPEG: 30 fps (1280 x 1024)  Bitrate Compression Mode  CBR/VBR (selectable)  Range of Bitrate Settling  64 Kbps to 32 Mbps  Solid PTZ  Ves  Adaptive Rate Control  Bandwidth Control  JPEG  Multi Streaming Capability  Number of Clients  10 DEPA Advanced  Intelligent Video Analytics  Analytics Architecture  Intelligent Motion Detection  Yes  Scene Analytics  Passing, Intrusion, Leff Object Detection, Removed Object Detection  System Requirements  Operating System  Windows® XP™ (32 bit) Professional Edition  Windows® 8 Pro (32/64 bit) Ultimate, Business Edition  Windows® 8 Pro (32/64 bit)  Microsoff® DirectX 9.0 or higher  Memory  Ves Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)   | Werld Earliguage                 |   |
| Smartphone viewer         Yes           Video         700 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)           Compression Format         H.264 (High/Main/Baseline Profile), JPEG           Maximum Frame Rate         H.264 (High/Main/Baseline Profile), JPEG           Mistrate Compression Mode         Bitrate Setting           Range of Bitrate Setting         64 Kbps to 32 Mbps           Solid PTZ         Yes           Adaptive Rate Control         H.264           Bandwidth Control         JPEG           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           System Requirements         Ves           Operating System         Windows® XPIM (32 bit) Professional Edition           Windows® 7 (32/64 bit) Ultimate, Professional Edition           Windows® 8 Pro (32/64 bit) Ultimate, Professional Editio   |                                  |   |
| Video  | Smartphone viewer                |   |
| Resolution   |                                  |   |
| 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264. JPEG)   |                                  | 1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600. |
| 320 x 240 (H 264, JPEG)  |                                  |   |
| Compression Format   |                                  |   |
| Maximum Frame Rate   | Compression Format               |   |
| JPEG: 30 fps (1280 x 1024)  JPEG: 30 fps (1280 x 1024)  Range of Bitrate Setting  Adoptive Rate Control  Adoptive Rate Control  H.264  Bandwidth Control  Multi Streaming Capability  Triple streaming  Number of Clients  20  Intelligent Video Analytics  Analytics Archifecture  Intelligent Motion Detection  Yes  Scene Analytics  Passing, Intrusion, Leff Object Detection, Removed Object  Detection  System Requirements  Operating System  Windows® XP™ (32 bit) Professional Edition  Windows® Vista™ (32 bit) Ultimate, Business Edition  Windows® Pro (32/64 bit) Ultimate, Professional Edition  Windows® 8 Pro (32/64 bit)  Microsoff® DirectX 9.0 or higher  Memory  Vers Gelor or Processor  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Bitrate Compression Mode Range of Bitrate Setting Range of Bitrate Setting Ad Klops to 32 Mbps Solid PTZ Ves Adaptive Rate Control Bandwidth Control JPEG Multi Streaming Capability Number of Clients 20 Intelligent Video Analytics Intelligent Motion Detection Face Detection Face Detection Face Detection System Ves Scene Analytics Arabitecture  Operating System  Windows® XP™ (32 bit) Professional Edition Windows® Vista™ (32 bit) Ultimate, Business Edition Windows® 8 Pro (32/64 bit) Ultimate, Professional Edition Windows® 8 Pro (32/64 bit) Microsoff® DirectX 9.0c or higher  Memory Veb Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Range of Bitrate Setting 64 Kbps to 32 Mbps  Solid PTZ Yes  Adaptive Rate Control H.264  Bandwidth Control JPEG  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, Left Object Detection, Removed Object Detection  System Requirements  Operating System Windows® XP™ (32 bit) Professional Edition  Windows® XP™ (32 bit) Ultimate, Business Edition  Windows® 3 Pro (32/64 bit) Ultimate, Professional Edition  Windows® 8 Pro (32/64 bit) Windows® 1 Pro (32/64 bit)  Microsoff DirectX 9.00 or higher  Memory 2 GB or more  Web Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 1.9.02 (plug-in free viewer only)  | Bitrate Compression Mode         |   |
| Ves  |                                  |   |
| Adaptive Rate Control Bandwidth Control Bandwidth Control JPEG Multi Streaming Capability Number of Clients 20 Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Face Detection System Requirements Operating System  Windows® XP™ (32 bit) Professional Edition Windows® Vista™ (32 bit) Ultimate, Business Edition Windows® Vista™ (32 bit) Ultimate, Business Edition Windows® 8 Pro (32/64 bit) Ultimate, Professional Edition Windows® 8 Pro (32/64 bit) Microsoff® DirectX 9.0c or higher  Processor Memory Veb Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Bandwidth Control JPEG  Multi Streaming Capability Number of Clients 20  Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Tece Detection Tece Detection Tece Detection Tece Petection Tech Petection Te  |                                  |   |
| Multi Streaming Capability         Triple streaming           Number of Clients         20           Intelligent Video Analytics         Intelligent Motion Detection           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Face Detection         Yes           Scene Analytics         Possing, Intrusion, Left Object Detection, Removed Object Detection           System Requirements           Operating System         Windows® XPI <sup>IM</sup> (32 bit) Professional Edition           Windows® Vista <sup>IM</sup> (32 bit) Ultimate, Business Edition         Windows® 7 (32/64 bit) Ultimate, Professional Edition           Windows® 8 Pro (32/64 bit)         Windows® 8 Pro (32/64 bit)           Microsoff® Direct 9 0.0 or higher           Processor         Intel Coreit 7 2.8 GHz or higher           Memory         2 GB or more           Web Browser         Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0           Firefox Ver. 1.9.02 (plug-in free viewer only)           Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Number of Clients 20 Intelligent Video Analytics Analytics Architecture DEPA Advanced Intelligent Motion Detection Yes Face Detection Yes Scene Analytics Passing, Intrusion, Leff Object Detection, Removed Object Detection  System Requirements Operating System Windows® XP™ (32 bit) Professional Edition Windows® Vista™ (32 bit) Professional Edition Windows® Vista™ (32 bit) Ultimate, Business Edition Windows® 7 (32/64 bit) Ultimate, Professional Edition Windows® 8 Pro (32/64 bit) Windows® 8 Pro (32/64 bit) Microsoff® DirectX 9.0c or higher Memory 2 GB or more  Memory 2 GB or more  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)  |                                  |   |
| Intelligent Video Analytics           Analytics Architecture         DEPA Advanced           Intelligent Motion Detection         Yes           Face Detection         Yes           Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Leff Object Detection, Removed Object Detection           System Requirements           Operating System         Windows® XP™ (32 bit) Professional Edition           Windows® Vstot™ (32 bit) Ultimate, Business Edition         Windows® 8 Pro (32/64 bit) Ultimate, Professional Edition           Windows® 8 Pro (32/64 bit)         Microsoff® DirectX 9.0c or higher           Processor         Intel Corei7 2.8 GHz or higher           Memory         2 GB or more           Web Browser         Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0           Firefax Ver. 1.9.02 (plug-in free viewer only)           Safari Ver. 5.1 (plug-in free viewer only)  |                                  |   |
| Analytics Architecture Intelligent Motion Detection Ves Tamper Alarm Ves Scene Analytics Passing, Intrusion, Left Object Detection, Removed Object Detection System Requirements Operating System Windows® XP™ (32 bit) Professional Edition Windows® XP™ (32 bit) Ultimate, Business Edition Windows® 3 Pro (32/64 bit) Ultimate, Professional Edition Windows® 8 Pro (32/64 bit) Windows® 8 Pro (32/64 bit) Microsoff® DirectX 9.00 or higher Processor Intel Coreit 7 8.8 GHz or higher Memory 2 GB or more Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 19.02 (plug-in free viewer only)   |                                  | 20  |
| Intelligent Motion Detection         Yes           Face Detection         Yes           Camper Alarm         Yes           Scene Analytics         Passing, Intrusion, Leff Object Detection, Removed Object Detection           System Requirements           Operating System         Windows® XP™ (32 bit) Professional Edition           Windows® Vista™ (32 bit) Ultimate, Business Edition         Windows® 23(24 bit) Ultimate, Professional Edition           Windows® 8 Pro (32/64 bit)         Windows® 8 Pro (32/64 bit)           Microsof® DirectX 9.0c or higher           Processor         Intel Corei7 2.8 GHz or higher           Memory         2 GB or more           Web Browser         Microsof® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0           Firefox Ver. 19.02 (plug-in free viewer only)           Safari Ver. 5.1 (plug-in free viewer only)  |                                  | DEDA A de serve e el  |
| Face Detection     Yes       Tamper Alarm     Yes       Scene Analytics     Passing, Intrusion, Left Object Detection, Removed Object Detection       System Requirements       Operating System     Windows® XP™ (32 bit) Professional Edition       Windows® 7 (32/64 bit) Ultimate, Business Edition     Windows® 7 (32/64 bit) Ultimate, Professional Edition       Windows® 8 Pro (32/64 bit)     Microsoft® DirectX 9.0c or higher       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       Firefox Ver. 19.02 (plug-in free viewer only)       Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Tamper Alarm         Yes           Scene Analytics         Passing, Intrusion, Left Object Detection, Removed Object Detection           System Requirements           Operating System         Windows® XP™ (32 bit) Professional Edition           Windows® 7 (32/64 bit) Ultimate, Business Edition         Windows® 7 (32/64 bit) Ultimate, Professional Edition           Windows® 8 Pro (32/64 bit)         Microsoft® Direct XP Oo or higher           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           Firefox Ver. 19.02 (plug-in free viewer only)           Safari Ver. 5.1 (plug-in free viewer only)  |                                  |   |
| Scene Analytics         Passing, Intrusion, Leff Object Detection, Removed Object Detection           System Requirements           Operating System         Windows® XP™ (32 bit) Professional Edition           Windows® Visto™ (32 bit) Ultimate, Business Edition           Windows® 7 (32/64 bit) Ultimate, Business Edition           Windows® 8 Pro (32/64 bit)           Microsoff® DirectX 9.00 or higher           Processor         Intel Coreit 2.8 GHz or higher           Memory         2 GB or more           Web Browser         Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0           Firefox Ver. 19.02 (plug-in free viewer only)           Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Detection  |                                  |   |
| System Requirements           Operating System         Windows® XP™ (32 bif) Professional Edition           Windows® 15to™ (32 bif) Ultimate, Business Edition         Windows® 7 (32/64 bif) Ultimate, Professional Edition           Windows® 8 Pro (32/64 bif)         Windows® 8 Pro (32/64 bif)           Microsoff® DirectX 9.0 cor higher           Processor         Intel Corei7 2.8 GHz or higher           Memory         2 GB or more           Web Browser         Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0           Firefox Ver. 19.02 (plug-in free viewer only)         Safari Ver. 5.1 (plug-in free viewer only)   | Scene Analytics                  |   |
| Operating System     Windows® XP™ (32 bit) Professional Edition       Windows® Visto™ (32 bit) Ultimate, Business Edition       Windows® 7 (32/64 bit) Ultimate, Professional Edition       Windows® 8 Pro (32/64 bit)       Microsoff® DirectX 9.0c or higher       Processor     Intel Corei7 2.8 GHz or higher       Memory     2 GB or more       Web Browser     Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0       Firefox Ver. 19.02 (plug-in free viewer only)       Safari Ver. 5.1 (plug-in free viewer only)   |                                  | Detection   |
| Windows® Vista™ (32 bit) Ultimate, Business Edition Windows® 7 (32/64 bit) Ultimate, Professional Edition Windows® 8 Pro (32/64 bit) Microsoft® DirectX 9.0c or higher  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  Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)  |                                  |   |
| Windows® 7 (32/64 bif) Ultimate, Professional Edition Windows® 8 Pro (32/64 bif) Microsoff® DirectX 9.0c or higher Processor Intel Corei7 2.8 GHz or higher Memory 2 GB or more Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefax Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   | Operating System                 |   |
| Windows® 8 Pro (32/64 bit) Microsoff® DirectX 9.0c or higher Processor Intel Coreit 7.8.6 GHz or higher Memory 2 GB or more Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Windows® 8 Pro (32/64 bit) Microsoff® DirectX 9.0c or higher Processor Intel Coreit 7.8.6 GHz or higher Memory 2 GB or more Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   |                                  | Windows® 7 (32/64 bit) Ultimate, Professional Edition       |
| Microsoff® DirectX 9.0c or higher  Processor Intel Corei7 2.8 GHz or higher  Memory 2 GB or more  Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Processor Intel Corei 7 2.8 GHz or higher  Memory 2 GB or more  Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Memory 2 GB or more Web Browser Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0 Firefax Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   | Processor                        |   |
| Web Browser  Microsoff® Internet Explorer Ver. 7.0, Ver. 8.0, Ver. 9.0, Ver 10.0  Firefox Ver. 19.02 (plug-in free viewer only)  Safari Ver. 5.1 (plug-in free viewer only)  |                                  |   |
| Firefox Ver. 19.02 (plug-in free viewer only) Safari Ver. 5.1 (plug-in free viewer only)   |                                  |   |
| Safari Ver. 5.1 (plug-in free viewer only)   | Men piomsei                      |   |
|  |                                  | Thelox vel. 17.02 (plug-ill flee viewel Offly)              |
| Google Chrome™ Ver. 25.U (plug-in free viewer only)  |                                  | Safari Var E 1 (plug in from viouser and s                  |
|  |                                  |   |

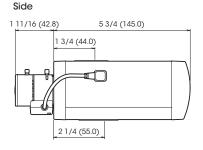
|                                   | SNC-EB600   |
|-----------------------------------|---|
| Network                           |   |
| Protocols                         | IPv4, TCP, UDP, ARP, ICMP, IGMP*, HTTP, DHCP, DNS, NTP, RTP/RTCP, RTSP over TCP, RTSP over HTTP, SMTP, IPv6, HTTPS, SNMP (v1, v2c, v3), SSL |
| Multicast Streaming Support       | Yes   |
| ONVIF Conformance                 | Profile S   |
| Authentication                    | IEEE 802.1X   |
| Interface                         |   |
| Analog Monitor Output for Setup   | Mini jack x1  |
| Network Port                      | 10BASE-T/100BASE-TX (RJ-45)   |
| General                           |   |
| Power Requirements                | PoE system (IEEE 802.3af compliant) Class 2   |
| Power Consumption                 | 5.0 W max.  |
| Operating Temperature             | 14°F to 122°F (-10°C to +50°C)  |
| Cold Start Temperature            | 32°F to 122°F (0°C to 50°C)   |
| Storage Temperature               | -4°F to +140°F (-20°C to +60°C)   |
| Operating Humidity                | 20% to 80%  |
| Storage Humidity                  | 20% to 95%  |
| Dimensions (W x H x D)            | 2 7/8 inches x 2 1/2 inches x 5 3/4 inches  |
|                                   | (72 mm x 63 mm x 145 mm) (without lens)   |
|                                   | 2 7/8 inches x 2 1/2 inches x 7 1/2 inches  |
|                                   | (72 mm x 63 mm x 199 mm) (with lens)  |
| Weight                            | Approx. 1 lb 0.9 oz (480 g) (with lens)   |
| External Material  External Color | Top cover: SECC-CF  |
|                                   | Bottom cover: SECC-CF   |
|                                   | Front panel: ADC12  |
|                                   | Rear panel: PC + ABS  |
|                                   | Top cover: Munsell 3.6GY 8.4/0.3  |
|                                   | Bottom cover: Munsell 3.6GY 8.4/0.3   |
|                                   | Front panel: Munsell 3.5PB 2.2/0.4  |
| Fire Determinent                  | Rear panel: Munsell 4.4BG 8.4/0.2   |
| Fire Retardant                    | UL2044  |
| Safety Regulations                | JATE Technical Standard (LAN)   |
|                                   | UL2044, IEC60950-1 (CB)   |
|                                   | VCCI (Class A), FCC (Class A), IC (Class A)   |
|                                   | Emission: EN55022 (Class A) + EN50130-4   |
|                                   | Immunity: EN55022 (Class A) + EN55024   |
|                                   | Emission: AS/NZS CISPR22 (Class A)  |
|                                   | KCC   |
|                                   | EMC-TR  |
| Supplied Accessories              | CD-ROM (supplied programs) (1)  |
|                                   | Installation Manual (1)   |
|                                   | Wire rope (1)   |
|                                   | Screw M4 (1)  |
|                                   | Safety regulations (1)  |

| Optional Mounts and Accessories            |  |  |
|--|--|--|
| Model                                      |  |  |
| SNC-UNIHB/1                                | Outdoor Enclosure with Wall Mount      |  |
| SNC-UNI                                    | Indoor Wall Mount with Enclosure       |  |
| UNI-IFF7C3 (clear);<br>UNI-IFF7T3 (tinted) | Indoor Flush/Recessed Plenum Enclosure |  |

## **DIMENSIONS**







Unit: mm (inches)

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