# SONY.

ΝΤՏΟ

Network Mini Dome Cameras

SNC-DF Series





## **FEATURES**



## Choose From the Sony High-Performance Mini Dome Camera Lineup to Meet Your Monitoring Needs – Ranging From Indoor to Outdoor, 24hour Monitoring Applications.

Sony introduces new additions to its line of surveillance mini dome cameras – SNC-DF40 and SNC-DF70 Network Cameras. The compact dome design of the SNC-DF Series preserves a discreet appearance and is ideal for use in building entrances, schools, offices, retail stores and shopping malls.

The SNC-DF Series incorporates a built-in web server and network interface, which enables users to control the cameras and monitor images over a Network. These cameras utilize both MPEG-4 and JPEG compression formats, allowing for both smooth video/audio streaming and providing high-quality still images over a wide range of network bandwidths.

What's more, this series of cameras incorporate an external microphone input, and an audio line output for active speakers, allowing for audio monitoring and audible warnings at the monitoring site.

To meet a wide range of monitoring needs, the SNC-DF70 features a Day/Night capability in a durable aluminum diecast construction with an IP-66 rating, ideal for 24-hour outdoor surveillance applications.

## All-in-one Network Mini Dome Camera

The SNC-DF Series incorporates a built-in web server and a 100Base-TX/10Base-T network interface in a compact dome design, allowing users to monitor live images and control cameras from a PC running a standard web browser; additional software or plug-ins are not needed. Its compact, discreet appearance is ideal where less noticeable video cameras are preferred.



Viewer

## **Superior Picture Quality**

The SNC-DF Series incorporates a 1/4-type Super HAD<sup>™</sup> CCD that achieves highhorizontal resolution of 480 TV lines and high sensitivity. The CCD imager provides a minimum illumination of 0.8 lx at F1.0 (SNC-DF40)/0.9 lx at F1.0 (SNC-DF70), enabling the cameras to capture clear images even under low light conditions.

#### **Power Over Ethernet**

The SNC-DF Series supports the 802.3af PoE standard, allowing for reduced infrastructure wiring costs and installation time.

### MPEG-4 and JPEG Compression Formats

The SNC-DF Series supports both the MPEG-4 and JPEG compression formats. The high compression ratio of MPEG-4 provides smooth moving images over networks even when bandwidth is limited. If higher quality still images are preferred, then the industry standard JPEG compression format is selectable from the setup menu. The SNC-DF Series also supports variable bit rates up to 2Mb/s.

Image size can be selected from six modes: 640 x 480, 480 x 360, 384 x 288, 320 x 240, 256 x 192, and 160 x 120.

#### **High Frame Rate**

The SNC-DF Series produces images at a maximum frame rate of 30fps (NTSC)<sup>\*1</sup> when the image size is 320 x 240 in both MPEG-4 and JPEG modes, producing clear and smooth-moving images.

\*1 In order to view images at the maximum frame rate, adequate PC processing power and network bandwidth are required.

#### **Audio Monitoring**

Incorporating an external microphone input, the SNC-DF Series is capable of picking up sound from a camera site clearly. The unit is also equipped with an audio line output for active speakers; allowing users to communicate with the remote site, expanding the capability of remote monitoring applications.

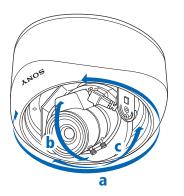
### Day/Night Function (SNC-DF70)

The SNC-DF70 features a "Day/Night" capability, which provides optimized sensitivity in both day and night shooting applications. As the scene darkens, an infrared filter is automatically replaced with a clear filter and the camera switches to B&W mode, allowing for operation at a minimum illumination of 0.2 lx at F1.0, or 0 lx<sup>+2</sup> using an IR Illuminator from 3rd party vendors<sup>+3</sup>.

\*2 0 lux means absence of visible light to the naked eye.
\*3 Please contact your local Sony dealers for 3rd-party item.

# Easy Mounting and Flexible Installation

The SNC-DF Series can be wall-mounted or ceiling-mounted with the supplied ceilingmount bracket. What's more, the 2.7x varifocal lens incorporated into these cameras can be freely rotated, allowing for easy adjustment of the camera's viewing angle after installation.



a (Panning): ±150°
b (Tilting): ±75°
c (Rotating): ±150°

Adjustment range of lens angle



Ceiling Surface Mount (SNC-DF40)



Ceiling Flush Mount (SNC-DF40) \*Optional YT-ICB40 Ceiling-mount bracket is required.

## Rugged Design (SNC-DF70)

The SNC-DF70 is specially designed to be used for outdoor surveillance or indoors for vandal resistant applications. The cameras are housed in a heavy-duty aluminum die cast enclosure with a durable polycarbonate viewing window. These cameras comply with the IP66<sup>\*4</sup> standard for protection against water and dust.

\*4 Ingress Protection (IP) standard is a system for numerically classifying the degree of protection provided by enclosures of electrical equipment against solid objects and liquids. IP66 means there is no ingress of dust and the equipment is protected against powerful water jets.

#### **Network Features**

#### **Adaptive Rate Control**

To meet Quality of Service (QoS) requirements over a network, the SNC-DF Series provides an adaptive rate control function. This function automatically varies the bit rate of audio and video data to meet changing network conditions and selects the most appropriate frame rates. This function helps prevent audio and video breakup.

#### **Multicasting Capability**

The SNC-DF Series has a built-in multicasting capability that enables efficient video and audio streaming to a large number of users.

#### **Simultaneous Access**

Up to 20 (JPEG mode)/10 (MPEG-4 mode) users can simultaneously access any of the SNC-DF Series cameras and monitor images separately.

#### **Network Security Features**

Access to the SNC-DF Series can be restricted to one or more groups of selected users. Up to ten different groups can be established by defining an IP address range for each group. In addition, user names and passwords can be assigned to allow three levels of access. The administrator has complete access/control of the cameras; while the other two levels of access can be set to limit user privileges to functions such as viewing, trigger control, etc.

## **Alarm Functions**

#### **Motion Detection/Alarm Trigger**

The SNC-DF Series is equipped with a built-in motion detection function that can generate an alarm through its alarm-output port or trigger another device to perform a variety of actions. The motion detection function uses vector information to detect motion so that unwanted noise components do not accidentally trigger the alarm. In addition to these features, the SNC-DF Series is equipped with a sensor-input port that can receive a trigger from an external sensor.

#### Pre-/Post-Alarm Image Storage

With a built-in buffer memory, the SNC-DF Series can store several seconds of pre-alarm and post-alarm still images when an alarm is triggered by the motion detection function, the alarm input, or both.

#### Image storage capacity

MPEG 4 image: Approx. 15 s\* (pre-/post- 7.5 s) \*when the image size is 320 x 240 at a frame rate of 30fps and a bit rate of 512 kbps JPEG image: Approx. 10 s\* (pre-/post- 5 s)

\*when the image size is 320 x 240 at a frame rate of 15fps and the image quality is set to Level 3

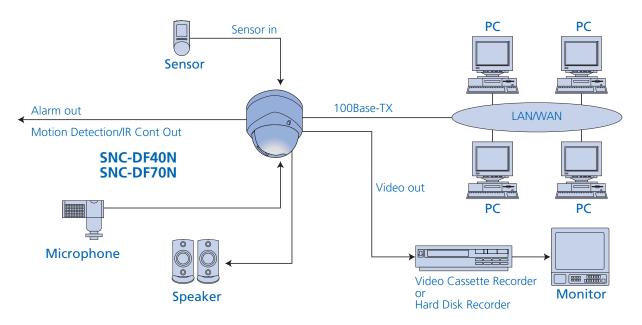
#### Image Transfer Using FTP/SMTP

All of the pre-/post-alarm images stored at the time of an alarm event can be transferred to an FTP server for later viewing. Also, the still image captured at the time of an alarm event can be sent to a designated e-mail address.

#### **Analog Composite Video Output**

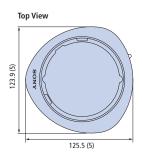
The SNC-DF Series is equipped with an analog composite video output, allowing camera images to be directly recorded or monitored by connecting video equipment such as time-lapse recorders, hard disk recorders, and monitors.

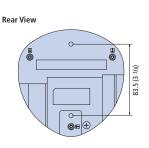
## SYSTEM CONFIGRATION

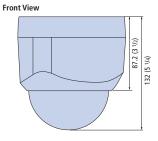


## DIMENSIONS

#### **SNC-DF40N**







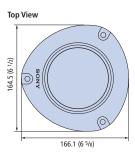
Unit: mm (inches)

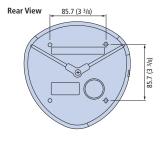
## **OPTIONAL ACCESSORIES**



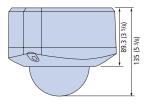
YT-ICB40 Ceiling-mount bracket for SNC-DF40N YT-ICB70 Ceiling-mount bracket for SNC-DF70N

### SNC-DF70N





Front View



## **REAR PANEL LAYOUT**



SNC-DF40N

## **SPECIFICATIONS**

Constant with a start of the		SNC-DF40N	SNC-DF70N	
mage device14-type Super HAD CCDNumber of Hickney devik HAD (25 K49H ACCD)160 to 1100,000 sExtension HAD CODPS switchable lup 10 8(4)160 to 1100,000 sExposure controlAute, Back-Light Compensation(B(C)While balance mode27. You'fried alue to is lessExtension HAD CODPS switchable lup 10 8(4)	Camera	5NC-0140N		
Number of director pavel (H × V)     768 X 494     768 X 494       Hickmain 4     HiGb to 1100,000 s     HiGb to 1100,000 s       Gain control     Auc.0NUOF struthable (pt to 18 48)     Struthable (pt to 18 48)       Exposure control     Ante. Mak-lipht Compensation(BLC)     Within balance and the struthable (pt to 18 48)       Exposure control     ATW     Struthable (pt to 18 48)     Struthable (pt to 18 48)       Exposure control     ATW     Struthable (pt to 18 48)     Struthable (pt to 18 48)       Exposure control     CD mathematical (pt to 18 18)     Struthable (pt to 18 18)     Struthable (pt to 18 18)       Earls pavel (PT V)     G6 5 to 28 9 dogrees     Struthable (pt to 18 18)     Struthable (pt to 18 18)       Indirector dogrees     CO 16 is     Minimum dipet (ds to 8 0 nm     Struthable (pt to 18 18)       Indirector dogrees     200 mm     Motion detection     Motion detection       Indirector dogrees     200 mm     Mask 30 (pt (pt 20 2 40)     Mask 30 (pt (pt 20 2 40)       Marker dogrees     201 (pt 48 Mp) / 67276 (dt 32 2 41, 16 K8p)     Mask 30 (pt (pt 20 2 420)       Marker dogrees     201 (pt 48 Mp) / 67276 (dt 32 2 41, 16 K8p)     Mask 30 (pt (pt 20 2 420)       Mare		1/A-type Super HAD CCD		
Electronic shutter     1400 to 11/100,000 s     1400 for 0000 s       Gain control     Auto, Sark-Light, Compensation (BLC)			768 X 191	
Gain control     Auto.NNOTF switchable (up to 16 00)     Image: Second 2000       Spoare control     ANN       Vinie balance mode     ANN       Sers mount     C Frount       Sers mount     C Frount       Jers mount     E So mout       Sers mount     E So te 29 degrees       Sers mount     E So te 20 degrees       Faunther     Fall to 8 do m       Faunther     Fall to 8 do m       Faunther     Fall to 8 do m       Faunther     COI to 16       Minium dight distance     200 nm       Other fauncions     Medicon detection, DayNight function       Image size (1x V)     6 do x 480, 480 x 360, 320 x 240, 25 x 192, 160 x 120       Compression format     MPEG-4/PEG sole Mas, 30 fps (230 x 240, 240, 25 x 192, 160 x 120       Maximum fame fame for MPEG-4/PEG sole Mas, 30 fps (230 x 240, 25				
Exposite control     Auto. Back-lip/E-compensation/BLC_       While balance mode     AVV       Lens mount     CS mount       Lens spect     2.7 Var/Incla1 auto inis lens       Lens Spect     S.7. Sol degrees       International CD on the spect spec		,	1/00 t0 1/100,000 s	
White balance modeAVVLess mourtCS mourtLess typex2.7 Van-focal auto itis lens66.6 to 26.8 degrees66.6 to 26.8 degreesFocal lengthI=3.0 to 8.8 nmF numberF=1.0ItisCCD itisMinimu Bojtet distance200 nmOther functionsMolion detectionInage size (H x2)66.6 to 26.8 degreesImage size (H x2)200 nmOther functionsMolion detection, Balay Sign 22.4 degreesImage size (H x2)6.6 do x 480, x80 x 360, 384 x 288, 320 x 240, 256 x 192, 160 x 120Image size (H x2)MEG-4/IPES detectableImage size (H x2)MeG-4/IPES detectableImage size (H x2)MeG-4/IPES detectableCompression formatMPEC-4/IPES detectableAddoCompression formatAPEC-4/IPES detectableCompression formatO for (S20 x 240)Max: 30 frs (S20 x 240)AddoCompression formatG for (S20 x 240)Addo died outputPEC: 20 users, MPEG-4: 10 aseeNetworkFel: 20 users, MPEG-4: 10 aseeHertare1000aser-10 (Maser-10				
Less nont1     CS nont1       Less hype     2.7 Var-Focal aux bir birs       Horizontal viewing angle     66.6 to 25.9 degrees       Focal length     F-3.0 to 8.0 mm       Funzher     F-1.0       Iris     CCD iris       Minimum object distance     200 mm       Other functions     Motion detection, DayNight function       Insage     Motion detection, DayNight function       Compression format     MPC-AUPEC sole Less       Compression format     MPC-AUPEC sole Less       Compression format     MPC-AUPEC sole Less       Compression format     GPC-116 & Ktaps) / C-726 (40, 32, 24, 16 Ktaps)       Aution     GPC1 (64 Ktaps) / C-726 (40, 32, 24, 16 Ktaps)       Aution     GPC1 (64 Ktaps) / C-726 (40, 32, 24, 16 Ktaps)       Aution     GPC1 (64 Ktaps) / C-726 (40, 32, 24, 16 Ktaps)       Aution     GPC1 (64 Ktaps) / C-726 (40, 32, 24, 16 Ktaps)       Number of forts     JPEC 20 users, MFC6-44, 10 Users       Interface     IEVENT (64 Ktaps / C-726 (40, 32, 24, 16 Ktaps)       Element     TOBSac-TV10Base-T (10-45 Ktaps / C-726 (40, 32, 24, 16 Ktaps / C-726 Kt				
Lens type     42.7 Warf-focal auto its lens       Hardstantal levining auf     6.6 to 26.9 degrees       Fourber     F=3.0 to 8.0 mm       F number     F=1.0       F number     T=1.0       Minimum object distance     200 mm       Other functions     Motion detection, Motion, Motion detection, Motion, Motion detection, Motion d				
Interface     65.6 to 2.6 9 degrees       Focal length     Fa.10       Fa.10     Fa.10       Iris     CCD ris       Minimum dojet distance     200 mm       Other functions     Motion detection, DayNight function       Mage     Motion detection, DayNight function       Inage:     Motion detection, DayNight function       Mage     Mage 30 fps (230 x 240, 240, 250 x 140, 200 x 240,				
Focal length     F-3 0 to 8.0 mm       F number     F-10       Kis     CCD Vis       Other functions     Motion detection, Day/Night function       Indeg size (F v)     640 v. 480, 480 v. 300, 384 v. 288, 320 v. 240, 256 v. 192, 160 v. 120       Compression format     MPEG-44PGE selectable       Maximum frame rate (MPEG-44PGE selectable     Max. 30 fps (220 v. 240)       Maximum frame rate (MPEG-44PGE selectable     Max. 30 fps (220 v. 240)       Compression format     G-711 (64 Kbps) / G-726 (40, 32, 24, 16 Kbps)       Compression format     G-711 (64 Kbps) / G-726 (40, 32, 24, 16 Kbps)       Network     Precional     Max. 30 fps (220 v. 240)       Namber of clients     JPEG-20 users, MPEG-4-10 users     Formologitts       Network     Precional     TCPIP UDP, RTP, RTCP, ARP (LMP, DLCP, DN, HTTP, FTP, SMTP     Notion ordupt       Namber of clients     JPEG-20 users, MPEG-4-10 users     Formologitts     JPEG-20 users, MPEG-4-10 users       Interface     Formologitts     JPEG-20 users, MPEG-4-10 users     Formologitts     JPEG-20 users, MPEG-4-10 users       Valid incordupt     Zomposite video (10 Vp-p)     Motion ordupt     JPEG-20 users, MPEG-4-10 users     JPEG-20 users, MPEG-4-10 users </td <td></td> <td></td> <td></td>				
Funder     F=10       Iris     CCD is       Minimum object distance     200 mm       Other functions     Motion detection     Motion detection, Day/Night function       Image     Image Set (H x V)     640 x 480, 480 x 360, 384 x 288, 320 x 240, 256 x 192, 160 x 120     Tompersion form       Compression form     MPEC-UPRES discuble     Max: 30 fps (320 x 240)     Max: 30 fps (320 x 240)       Maxim fame etar (MPEC - mode)     Max: 30 fps (320 x 240)     Max: 30 fps (320 x 240)     Max: 30 fps (320 x 240)       Audio     Compression format     G-711 (64 Klaps) / G-726 (40, 32, 24, 16 Klaps)     Max: 30 fps (320 x 240)       Audio     Composion format     G-711 (64 Klaps) / G-726 (40, 32, 24, 16 Klaps)     Max: 30 fps (320 x 240)       Number of clients     JPES: 20 users, MPEG-4: 10 users     Minister: 200 (200 x 240)     Max: 30 fps (320 x 240)       Audio     Composite wideo (1.0 Vp.p)     Composite wideo (1.0 Vp.p)     Minister: 200 (200 x 240)     Max: 30 fps (320 x 240)       Audio discutiput     Composite wideo (1.0 Vp.p)     Composite wideo (1.0 Vp.p)     Minister: 200 (200 x 240)     Minister: 200 x 240)       Maxing video output     2Pin connector     Usport     Sein connector		-		
ris     CCD ris       Minimun ölject distance     200 mm       Other functions     Motion detection     Motion detection       Image size (H × V)     6 d0 x 480, 480 x 360, 384 x 288, 320 x 240, 256 x 192, 160 x 120       Compression format     MPEG-4UPEG selectable     Max. 30 fps (320 x 240)       Mainrum form (PRG-4 mode)     Max. 30 fps (320 x 240)     Max. 30 fps (320 x 240)       Auto     Compression format     G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)     Max. 30 fps (320 x 240)       Auto     Compression format     G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)     Max. 30 fps (320 x 240)       Network     Pretocols     TCPIR UDP, RTP, RTCP, ARP, ICMP, PHCP, DMS, HTTP, FTP, SMTP     Vander Getter       Number of clents     J.PEG-20 users, MPEG-4: 10 users     Termetor     Termetor       Interface     Ethernet     1008ase-TX/108ase-T (R)-45)     Termetor       Valido dived output     Pin connector     Termetor     Termetor       Valido ine output     Mini-jack 2 AV CD (Jourp in power, A7 Kb2     Termetor     Termetor       Analog video output     Mini-jack 2 MOC (Jourp in power, A7 Kb2     Mation output     Setor (S, 11, 0, 0)       Analog vide				
Minimum object distance     200 mm       Other functions     Motion detection, Day/Night function       Image term     Motion detection, Day/Night function       Unspected functions     Motion detection, Day/Night function       Image size (11 x V)     640 x 480, 360, 384 x 288, 320 x 240, 256 x 192, 160 x 120       Compression format     MeRG-30/PEG selectable     Max. 30 fps (320 x 240)       Max 30 fps (320 x 240)     Max. 30 fps (320 x 240)     Max. 30 fps (320 x 240)       Audio     Compression format     G-711 (64 Kbps) / 6.726 (40, 32, 24, 16 Kbps)       Network     Protocols     TOPIR UDR, RTP, RTCP, APR (CMP, DHCP, DNS, HTTP, FTP, SMTP       Number of clients     JPEG: 20 users, MPEG-4: 10 users     Interface       Ethernet     100Base-TX110Base-T (RI-45)     Amalog video output     Composite video (10 Vp-p)       Monitor output     2-Pin connector     Mini-jack X, 24 VCD [up; in power, 4.7 kQ     Audio Inter output     Mini-jack X, 24 VCD [up; in power, 4.7 kQ       Analog video output     Sensor in (1), Alarm out (2)     Ethernet     Signal system     MTSC (Composite)     MTSC (Composite)       Signal system     MTSC (Composite)     O 9 k (AGC On, F1.0, 50RE)     O 9 k (AGC On, F1.0, 50RE)     O 9				
Other functions     Motion detection     Motion detection, DayNight function       Image set (If x V)     640 x 480, 480 x 360, 384 x 288, 320 x 240, 256 x 192, 160 x 120				
Image 6 60 x 480 x 480 x 360 x 88 x 288, 320 x 240, 256 x 192, 160 x 120 Compression format MPEG-4/PEG selectable Max. 30 fps (320 x 240) (PEG mode) Max. 30 fps (320 x 240) Audio Compression format G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (74 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (74 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (74 Kbps) / G.726 (40, 32, 24, 16 Kbps) Autoon G.711 (74 Kbps) / G.726 (40, 124 Kbps) / G.				
mage size (H x V)     640 x 480 x 360 ; 38 x 288, 320 x 240, 256 x 192, 160 x 120       Compression format     MPEG-4/JPEG selectable       Maximum finare and (MPEG and out)     Max. 30 fps (320 x 240)       Max 30 fps (320 x 240)     Max. 30 fps (320 x 240)       Max 30 fps (320 x 240)     Max. 30 fps (320 x 240)       Compression format     G. 711 (64 Kbps) / G. 726 (40, 32, 24, 16 Kbps)       Network     Vertwork       Protocol     TCP/IP_UDP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP     Vertwork       Interface     Vertwork     Vertwork       Ethernet     1006ase-TX10Base-T (RL-45)     Second T       Monifor output     Composite video (10. Vp-p)     Second T       Monifor output     Second T     Second T       Monifor output     Second T     Second T       Monifor output     Second T     Second T       Monifor output     Min-jack (Monaud), max output level: 1 Vms     Second T       Addia line output     Min-jack (Monaud), max output level: 1 Vms     Second T       Metional Miniform Minifor		Motion detection	Motion detection, Day/Night function	
Compression formatIMPEG-4UPEG selectableMaximum fame rate (MPEG 4 mode) (Max. 30 fps (320 x 240)Max. 30 fps (320 x 240)AudioCompression formatG.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)NetworkFNetworkFNetworkTCP/IP, UDP, RT, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTPNumber of clientsJPEG-20 users, MPEG-4: 10 usersInterfaceInterfaceEthernet1008aser/XT/08ase-1 (RI-45)Monifor outputComposite video (1.0 Vp-p)Monifor output2-Pin connectorUP optSensor in (1), Alarn out (2)External microphone inputMini-jack (Monoaural), max output level: 1 VmsAnalog video outputMini-jack (Monoaural), max output level: 1 VmsAnalog video outputS0 dBSignal systemNTSC (Composite)Minimul IlluminationGalo V(Black and White)-0.3 k (AGC On, F1.0, 50IRE)0.9 k (AGC On, F1.0, 50IRE)(Black and White)-0.2 k (AGC On, F1.0, 50IRE)0.9 k (AGC On, F1.0, 50IRE)(Black and White)-0.3 k (AGC On, F1.0, 50IRE)0.9 k (AGC On, F1.0, 50IRE)(Black and White)-0.2 k (AGC On, F1.0, 50IRE)0.9 k (AGC On, F1.0, 50IRE)(Black and White)-0.2 k (AGC On, F1.0, 50IRE)0.9 k (AGC On, F1.0, 50IRE)(Black and White)-0.9 k (AGC On, F1.0, 50IRE)0.9 k (AGC				
Maximum frame rate (MFEG+ mode) (JPEG mode)     Max. 30 (ps (320 x 240) Max. 40 (ps (10 Vp p) Montor output Analog video output Composite video (1.0 Vp p) Minipack (Monoaura), max output level: 1 Vms Analog video output Minipack (Monoaura), max output level: 1 Vms Analog video output				
(PEG mode)     Max. 30 fps (320 x 240)     Max. 30 fps (320 x 240)       Audio       Compression format     G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)       Network     Image: Compression format     G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)       Number of clients     JPEG: 20 users, MPEG-4: 10 users     Image: Compression format     Image: Compression format       Interface     Image: Composite video (1.0 Vp. p)     Image: Composite video (1.0 Vp. p)     Image: Composite video (1.0 Vp. p)       Monitor output     2-Pin connector     Image: Composite video (1.0 Vp. p)     Image: Composite video (1.0 Vp. p)       Monitor output     2-Pin connector     Image: Composite video (1.0 Vp. p)     Image: Composite video (1.0 Vp. p)       Monitor output     Minijack, 24 VOC plug-in power, 4.7 kΩ     Audio line output     Minijack, 24 VOC plug-in power, 4.7 kΩ       Analog video output     Minijack, 24 VOC plug-in power, 4.7 kΩ     Vistor     Miscore       Synals system     NTSC (Composite)     NTSC (Composite)     NTSC (Composite)       Minimum illumination (Color)     0.8 k (AGC On, F1.0, 50 RE)     0.9 k (AGC On, F1.0, 50 RE)     0.9 k (AGC On, F1.0, 50 RE)       General     Composite video (1.0 v 50° G)     0.9 k (AGC On, F1.0, 50 RE) <td></td> <td></td> <td></td>				
Audio   G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)     Network   Protocols   TCP/IP, UDP, RTP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP     Number of clients   JPEG: 20 users, MPEG-4: 10 users     Interface   1008ase-TX/108ase-T (R)-45)     Ethernet   1008ase-TX/10Base-T (R)-45)     Analog video output   Composite video (1.0 Vp-p)     Monitor output   2. Prin connector     VIO port   Sensor in (1), Alarm out (2)     External microphone input   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 K2     Signal system   MTSC (Composite)     Morizontal resolution   480 TV lines     Syn ratio   50 dB   0.9 lx (AGC On, F1.0, SOIRE)     (Black and White)   –   0.2 lx (AGC On, F1.0, SOIRE)     (Black and White)   Approx. 1 lb 10 oz (750 g)   Aprox.				
Compression format     G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)       Network       Protocols     TCPIP, UDP, RTP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP       Number of clients     JPEG: 20 users, MPEG-4: 10 users       Interface     Interface       Ethernet     100Base-TX/10Base-T (RI-45)       Analog video output     Composite video (1.0 Vp-p)       2-Fin connector     2-Fin connector       Vido port     Sensor in (1), Marr out (2)       External microphone input     Mini-jack, 2.4 VDC plug-in power, 4.7 K2       Audo ine output     Gensor in (1), Marr out (2)       System     MTSC (Composite)       Mation output     Gensor in (1), Marr out (2)       System     MTSC (Composite)       Monitor output     Gensor in (1), Marr out (2)       System     MTSC (Composite)       Mation output     Mini-jack, VA VDC plug-in power, 4.7 K2       System     MTSC (Composite)       Mation output     So dB       General     0.9 k (AGC On, F1.0, SOIRE)       (Black and White)     -       Open (Stack and White)     So 5 10/4 X 5 10/5 0 (Stack 5 1/3 5 x 166 rm) without projection ports		Max. 30 fps (320 x 240)	Max. 30 fps (320 x 240)	
Network     Protocols   TCP/IP, UDP, RTP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP     Number of clients   JPEG: 20 users, MPEG-4: 10 users     Interface   1008ase-TX/108ase-T (RI-45)     Ethernet   1008ase-TX/108ase-T (RI-45)     Analog video output   Composite video (1.0 Vp-p)     Monitor output   2-Pin connector     U/D port   Sensor in (1), Alarm out (2)     External microphone input   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Sensor in (1), Alarm out (2)     Signal system   NTSC (Composite)     Morizortal resolution   480 TV ines     Signal system   NTSC (Composite)     Minimum illumination (Color)   0.8 k (AGC On, F1.0, 500RE)     (Black and White)   -     0.3 k (AGC On, F1.0, 500RE)   0.9 k (AGC On, F1.0, 500RE)     (Black and White)   -     Veight   Approx. 1 Ib 10 oz (750 g)     Dimensions (W H x D)   5 x 5 114 x 5 inches (124 x 132 x 126 mm) without projection ports     Power consumption   7.5 W     Operating temperature   4 to 140 % (-20 to +60 °C)     Operating temperature   -4 to +140 % (-20 to +60 °C)     Operating t	Audio			
Protocols   TCP/IP, UDP, RTP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP     Number of Clients   JPEG-4: 10 users     Interface     Ethernet   1008ase-TX/108ase-T (RI-45)     Analog video output   Composite video (1.0 Vp-p)     Monitor output   2-Pin connector     I/O port   Sensor in (1), Alam out (2)     External microphone input   Mini-jack, 2.4 VDC plug-in power, 4.7 KΩ     Audio line output   Mini-jack, 2.4 VDC plug-in power, 4.7 KΩ     Audio line output   Mini-jack (Moneaural), max output level: 1 Vrms     Analog video output   MTSC (Composite)   NTSC (Composite)     Horizontal resolution   480 TV lines   Sol dB     Signal system   NTSC (Composite)   0.9 k (AGC On, F1.0, 50IRE)   0.9 k (AGC On, F1.0, 50IRE)     (Black and White)   -   0.2 k (AGC On, F1.0, 50IRE)   0.2 k (AGC On, F1.0, 50IRE)     Ower consumption   X5 S 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 ½ x 5 ⅓ a 6 ⅓ inches (155 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 VPOE   Power requirements   AC44 V 50/60 Hz, DC12 VPOE     Power requirements   AC24 V 50/60 Hz, DC12 VPOE   Songe temperature   14 to 122 °F (-10 to +50 °C)	Compression format	G.711 (64 Kbps) / G.726 (40, 32, 24, 16 Kbps)		
Number of clients     JPEG: 20 users, MPEG-4: 10 users       Interface       Ethernet     100Base-TX/10Base-T (RI-45)       Analog video output     Composite video (1.0 Vp-p)       Monitor output     2-Pin connector       UO port     Sensor in (1), Alarm out (2)       External microphone input     Mini-jack, 2.4 VDC plug-in power, 4.7 kΩ       Audio line output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Signal system     NTSC (Composite)       Horizontal resolution     480 TV lines     5       SN ratio     0.0 8 k (AGC On, F1.0, 50/RE)     0.9 k (AGC On, F1.0, 50/RE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50/RE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50/RE)       Operating temperature     A to 275 0g     Approx. 3 lb 5 oz (1,500 g)       Dimensions (W x H x D)     5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports     6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm)	Network			
Interface     U08ase-Tk/108ase-T (RU-45)       Analog video output     Composite video (1.0 Vp-p)       Monitor output     2-Pin connector       VO port     Sensor in (1), Alarm out (2)       External microphone input     Mini-jack, 2.4 VDC plug-in power, 4.7 kQ       Audio line output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     480 TV lines       S/N ratio     50 dB       Minimum illumination (Color) (Black and White)     0.3 k (AGC On, F1.0, 50IRE)     0.9 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.9 k (AGC On, F1.0, 50IRE)     0.9 k (AGC Vn, F1.0, 50IRE)       Operating temperature     Approx. 1 lb 10 oz (750 g)     Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)       Power consumption     7.5 W     8.0 W     Operating temperature     14 to 122 °F (-10 to +50 °C)     Storage temperature     4 to +140 °F (-20 to +60 °C) <t< td=""><td>Protocols</td><td>TCP/IP, UDP, RTP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP</td><td></td></t<>	Protocols	TCP/IP, UDP, RTP, RTCP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP		
Ethernet   1008ase-TX/108ase-T (R)-45)     Analog video output   Composite video (1.0 Vp-p)     Monitor output   2-Pin connector     I/O port   Sensor in (1), Alarm out (2)     External microphone input   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   480 TV lines     Syna visem   NTSC (Composite)     Minitum illumination   (Color)     (Back and White)   –     0   s (AGC On, F1.0, 50IRE)     0   s k (AGC On, F1.0, 50IRE)     0   s k v (AGC On, F1.0, 50IRE)     0   s v 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports     Power consumption   7.5 W	Number of clients	JPEG: 20 users, MPEG-4: 10 users		
Analog video output   Composite video (1.0 Vp-p)     Monitor output   2-Pin connector     I/O port   Sensor in (1), Alarm out (2)     External microphone input   Mini-jack, (2.4 VDC plug-in power, 4.7 kΩ     Audio line output   Mini-jack, (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack, (Monoaural), max output level: 1 Vrms     Analog video output   NTSC (Composite)     Moritor asolution   480 TV lines     Signal system   NTSC (Composite)     Minimut illumination   Good B     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   -     -   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)	Interface			
Monitor output   2-Pin connector     I/O port   Sensor in (1), Alarm out (2)     External microphone input   Mini-jack, 2.4 VDC plug-in power, 4.7 kΩ     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   MISC (Composite)     Horizontal resolution   480 TV lines     S/N ratio   50 d8     Minimum illumination   (Color)     (Black and White)   –     –   0.9 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)     (Black and White)   –     –   0.2 k (AGC On, F1.0, 50IRE)	Ethernet	100Base-TX/10Base-T (RJ-45)		
WO port   Sensor in (1), Alarm out (2)     External microphone input   Mini-jack, 2.4 VDC plug-in power, 4.7 kΩ     Audio line output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   480 TV lines     S/N ratio   50 dB     Minimum illumination (Color)   0.8 k (AGC On, F1.0, 50IRE)     (Black and White)   –     0.2 lx (AGC On, F1.0, 50IRE)   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   –     0.2 lx (AGC On, F1.0, 50IRE)   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   –   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   –   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   –   0.2 lx (AGC On, F1.0, 50IRE)     (Black and White)   Approx. 3 lb 5 oz (1,500 g)   10 ls 22 x 5 3/8 inches (165 x 135 x 166 mm) without projection ports <t< td=""><td>Analog video output</td><td>Composite video (1.0 Vp-p)</td><td></td></t<>	Analog video output	Composite video (1.0 Vp-p)		
External microphone input     Mini-jack, 2.4 VDC plug-in power, 4.7 kΩ       Audio line output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Signal system     NTSC (Composite)       Signal system     MTSC (Composite)     NTSC (Composite)       Horizontal resolution     480 TV lines     Signal system       S/N ratio     50 dB     0.9 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.9 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.2 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.2 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.2 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     -     0.2 k (AGC On, F1.0, 50IRE)       -     -     0.8 V       Dimensions (W x H x D)	Monitor output	2-Pin connector		
External microphone input     Mini-jack, 2.4 VDC plug-in power, 4.7 kΩ       Audio line output     Mini-jack (Monoaural), max output level: 1 Vrms       Analog video output     Signal system     NTSC (Composite)       Signal system     MTSC (Composite)     NTSC (Composite)       Horizontal resolution     480 TV lines     Signal system       S/N ratio     50 dB     0.9 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.9 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.2 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.2 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     0.2 k (AGC On, F1.0, 50IRE)     0.2 k (AGC On, F1.0, 50IRE)       (Black and White)     -     0.2 k (AGC On, F1.0, 50IRE)       -     -     0.2 k (AGC On, F1.0, 50IRE)       -     -     0.8 V       Dimensions (W x H x D)	I/O port	Sensor in (1), Alarm out (2)		
Audio line output   Mini-jack (Monoaural), max output level: 1 Vrms     Analog video output   Signal system   NTSC (Composite)     Signal system   NTSC (Composite)   NTSC (Composite)     Horizontal resolution   480 TV lines   50 dB     S/N ratio   50 dB   0.9 k (AGC On, F1.0, 50IRE)   0.9 k (AGC On, F1.0, 50IRE)     (Black and White)   -   0.2 k (AGC On, F1.0)   0.2 k (AGC On, F1.0)     General   Weight   Approx. 1 lb 10 oz (750 g)   Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports     Power consumption   7.5 W   8.0 W   Poperating temperature   14 to 122 °F (-10 to +50 °C)     Storage temperature   -4 to +140 °F (-20 to +60 °C)   8.0 W   Operating humidity   20 to 80%, non-condensing     Storage humidity   20 to 95%, non-condensing   Storage humidity   20 to 95%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual   Wire rope, Screws (2), Installation manual				
Analog video output     Signal system   NTSC (Composite)     Horizontal resolution   480 TV lines     S/N ratio   50 dB     Minimum illumination (Color) (Black and White)   0.8 lx (AGC On, F1.0, 50IRE) –   0.9 lx (AGC On, F1.0, 50IRE) 0.2 lx (AGC On, F1.0)     General   Weight   Approx. 1 lb 10 oz (750 g)   Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   Power consumption   7.5 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   8.0 W   9     Operating temperature   -4 to +140 °F (-20 to +60 °C)   5   5     Operating temperature   -4 to +140 °F (-20 to +60 °C)   5   5     Operating humidity   20 to 80%, non-condensing   5   5     Storage humidity   20 to 95%, non-condensing   5   5     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual   Wire rope, Screws (2), Installation manual				
Signal system   NTSC (Composite)   NTSC (Composite)     Horizontal resolution   480 TV lines     S/N ratio   50 dB     Minimum illumination (Color) (Black and White)   0.8 k (AGC On, F1.0, 50IRE) –   0.9 k (AGC On, F1.0, 50IRE) (Black and White)     General   0.2 k (AGC On, F1.0)     Weight   Approx.1 lb 10 oz (750 g)   Approx.3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 <sup>1</sup> /2 x 5 <sup>3</sup> /8 x 6 <sup>5</sup> /8 inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   8.0 W     Operating temperature   4 to +140 °F (-20 to +60 °C)   5.0 to 80%, non-condensing     Storage temperature   - 4 to +140 °F (-20 to +60 °C)   -     Operating humidity   20 to 80%, non-condensing   -     Storage humidity   20 to 80%, non-condensing   -     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual   Wire rope, Screws (2), Installation manual     System requirements   -   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual <td>Analog video output</td> <td></td> <td></td>	Analog video output			
Horizontal resolution   480 TV lines     S/N ratio   50 dB     Minimum illumination (Color) (Black and White)   0.8 kx (AGC On, F1.0, 50IRE) – 0.2 kx (AGC On, F1.0, 50IRE) (Black and White)     General   0.9 kx (AGC On, F1.0, 50IRE) – 0.2 kx (AGC On, F1.0, 50IRE)     Weight   Approx. 1 lb 10 oz (750 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC 12 V,POE     Power consumption   7.5 W     Operating temperature   14 to 122 °F (-10 to +50 °C)     Storage temperature   -4 to +140 °F (-20 to +60 °C)     Operating humidity   20 to 80%, non-condensing     Storage humidity   20 to 80%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual		NTSC (Composite)	NTSC (Composite)	
S/N ratio   50 dB     Minimum illumination   (Color)   0.8 kx (AGC On, F1.0, 50IRE)   0.9 kx (AGC On, F1.0, 50IRE)     (Black and White)   -   0.2 kx (AGC On, F1.0)     General   -   0.2 kx (AGC On, F1.0)     Weight   Approx. 1 lb 10 oz (750 g)   Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   -     Power consumption   7.5 W   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   -     Storage temperature   - 4 to +140 °F (-20 to +60 °C)   -     Operating humidity   20 to 80%, non-condensing   -     Storage tumidity   20 to 95%, non-condensing   -     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual			····· - (····	
Minimum illumination (Color) (Black and White)   0.8 k (AGC On, F1.0, 50IRE) -   0.9 k (AGC On, F1.0, 50IRE) 0.2 k (AGC On, F1.0)     General   Meight   Approx. 1 lb 10 oz (750 g)   Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/s inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   8.0 W     Power onsumption   7.5 W   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)     Storage temperature   -4 to +140 °F (-20 to +60 °C)     Operating humidity   20 to 80%, non-condensing     Storage temperature   -2 to s9%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual				
(Black and White) - 0.2 k (AGC On, F1.0)   General   Weight Approx. 1 lb 10 oz (750 g) Approx. 3 lb 5 oz (1,500 g)   Dimensions (W x H x D) 5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports 6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports   Power requirements AC24 V 50/60 Hz, DC12 V,POE 8.0 W   Operating temperature 14 to 122 °F (-10 to +50 °C) 8.0 W   Operating temperature -4 to +140 °F (-20 to +60 °C) Vertice   Operating humidity 20 to 80%, non-condensing Storage humidity 20 to 95%, non-condensing   Supplied accessories CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual			0.9 lx (AGC On, F1.0, 50IRF)	
General   Approx. 1 lb 10 oz (750 g)   Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   8.0 W     Storage temperature   -4 to +140 °F (-20 to +60 °C)   Operating temperature     Storage humidity   20 to 80%, non-condensing   5     Storage humidity   20 to 95%, non-condensing   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual     System requirements   Suppliced accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual	, ,	_		
Weight   Approx. 1 lb 10 oz (750 g)   Approx. 3 lb 5 oz (1,500 g)     Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   8.0 W     Operating temperature   -4 to +140 °F (-20 to +60 °C)			0.2 ix (i ide on, i i io)	
Dimensions (W x H x D)   5 x 5 1/4 x 5 inches (124 x 132 x 126 mm) without projection ports   6 1/2 x 5 3/8 x 6 5/8 inches (165 x 135 x 166 mm) without projection ports     Power requirements   AC24 V 50/60 Hz, DC12 V,POE   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   8.0 W     Storage temperature   -4 to +140 °F (-20 to +60 °C)   Operating temperature     Operating humidity   20 to 80%, non-condensing   Storage humidity     Storage humidity   20 to 95%, non-condensing   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual		Approx 1 lb 10 oz (750 g)	Approx 3 lb 5 oz $(1.500 \text{ g})$	
Power requirements   AC24 V 50/60 Hz, DC12 V,POE     Power consumption   7.5 W     Operating temperature   14 to 122 °F (-10 to +50 °C)     Storage temperature   -4 to +140 °F (-20 to +60 °C)     Operating humidity   20 to 80%, non-condensing     Storage humidity   20 to 95%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual				
Power consumption   7.5 W   8.0 W     Operating temperature   14 to 122 °F (-10 to +50 °C)   500 °C)     Storage temperature   -4 to +140 °F (-20 to +60 °C)   -4 to +140 °F (-20 to +60 °C)     Operating humidity   20 to 80%, non-condensing			19 72 X 5 76 X 6 76 menes (105 X 155 X 100 mm) without projection ports	
Operating temperature   14 to 122 °F (-10 to +50 °C)     Storage temperature   -4 to +140 °F (-20 to +60 °C)     Operating humidity   20 to 80%, non-condensing     Storage humidity   20 to 95%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual			8.0.W	
Storage temperature   -4 to +140 °F (-20 to +60 °C)     Operating humidity   20 to 80%, non-condensing     Storage humidity   20 to 95%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual     System requirements   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual			0.0 **	
Operating humidity   20 to 80%, non-condensing     Storage humidity   20 to 95%, non-condensing     Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual     System requirements   System requirements   CD-ROM (setup program, users guide), Installation manual				
Storage humidity 20 to 95%, non-condensing   Supplied accessories   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   System requirements				
Supplied accessories     CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual     CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual       System requirements     System requirements     State of the state of th				
CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Dome cover screw, Installation manual   CD-ROM (setup program, users guide), Monitor cables (2), AC power code, Wire rope, Screws (2), Installation manual     System requirements   Stress (2), AC power code, Wire rope, Screws (2), Installation manual		20 to 95%, non-condensing		
Wire rope, Screws (2), Dome cover screw, Installation manual     Wire rope, Screws (2), Installation manual       System requirements     Supervision	Supplied accessories			
System requirements				
		Wire rope, Screws (2), Dome cover screw, Installation manual	Wire rope, Screws (2), Installation manual	
Operating system Microsoft® Windows® 2000/XP				
	Operating system	Microsoft® Windows® 2000/XP		
Processor Intel® Pentium® III, 1 GHz or higher (Recommendation: Pentium IV, 2GHz or higher)				
Memory 256 MB RAM minimum				
Web browser Microsoft Internet Explorer® version 5.5 or 6.0	Web browser	Microsoft Internet Explorer® version 5.5 or 6.0		

## SONY.

Sony Electronics Inc. 1 Sony Drive Park Ridge, NJ 07656 www.sony.com/security ©2005 Sony Corporation. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Design, features and specifications are subject to change without notice. All non-metric weights and measures are approximate. Sony is a registered trademark of Sony Corporation. Super HAD is a trademark of Sony Corporation. Windows and Internet Explorer are trademarks of Microsoft. Pentium is a trademark of Intel.

