

# Sony IP Video Monitoring/Surveillance Solution



SONY®

## Sony Network Cameras



SNC-RX550N

SNC-RZ30N

SNC-RZ25N

SNC-DF40N

SNC-DF70N

SNC-Z20N

SNC-CS50N

SNC-CS3N

SNC-P5

SNC-P1

SNC-M1/SNC-M1W

SNC-M3/SNC-M3W

Camera Type	360PTZ	PTZ	PTZ	MiniDome	Ruggedized MiniDome	Fixed Zoom	Fixed	Fixed	PTZ	Fixed	Fixed	PTZ
CAMERA SPECS.												
Image Device	1/4 type Exwave HAD® CCD	1/6 type Super HAD® CCD	1/4 type Exwave HAD CCD	1/4 type Super HAD CCD	1/4 type Super HAD CCD	1/4 type Exwave HAD CCD	1/3 type Super Exwave CCD	1/3 type Exwave HAD CCD	1/4 type progressive scan CCD	1/4 type progressive scan CCD	1/4 type CMOS	1/4 type CMOS
Effective Pixel	380,000	680,000	380,000	380,000	380,000	380,000	380,000	380,000	330,000	330,000	310,000	310,000
Lens Type	Auto-focus x26 optical zoom lens	Auto-focus x25 optical zoom lens	Auto-focus x18 optical zoom lens	CS-mount x2.7 Vari-focal auto iris lens	CS-mount x2.7 Vari-focal auto iris lens	Auto focus x18 optical zoom lens	CS-mount x2.7 Vari-focal auto iris lens	CS-mount x2.7 Vari-focal auto iris lens	Pan focus zoom lens	Fixed focal lens	Fixed focal lens	Fixed focal lens
Pan Angle	360° endless	-170 to +170°	-170 to +170°	N/A	N/A	N/A	N/A	N/A	-60 to +60°	N/A	N/A	-60 to +60°
Tilt Angle	0 to -90°	-90 to +25°	-90 to +30°	N/A	N/A	N/A	N/A	N/A	-65 to +10°	N/A	N/A	-60 to +10°
Day/Night Functions	YES	YES	YES	N/A	YES	YES	YES	N/A	N/A	N/A	N/A	N/A
Activity Detection	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Wireless	YES <sup>1</sup>	YES <sup>1</sup>	YES <sup>2</sup>	NO	NO	YES <sup>1</sup>	YES <sup>3</sup>	NO	YES <sup>3</sup>	NO	SNC-M1: NO SNC-M1W: YES	SNC-M3: NO SNC-M3W: YES
Minimum Illumination	1lx (color) / 0.15lx (B/W) (F1.6, AGC ON, 50IRE)	2.5lx (color) / 0.1lx (B/W) (F1.6, AGC ON, 50IRE)	0.7lx (color) / 0.06lx (B/W) (F1.4, AGC ON, 50IRE)	0.8lx (F1.0, AGC ON, 50IRE)	0.9lx (color) / 0.2lx (B/W) (F1.0, AGC ON, 50IRE)	0.7lx (color) / 0.06lx (B/W) (F1.4, AGC ON, 50IRE)	0.4lx (color) / 0.035lx (B/W) (F1.0, AGC ON, 50IRE)	0.5lx (F1.0, AGC ON, 50IRE)	3.5lx (F2.8, AGC ON, 30IRE)	1.2lx (F2.0, AGC ON, 30IRE)	4.5lx (F2.0, AGC ON, 30IRE)	4.5lx (F2.0, AGC ON, 30IRE)
Composite Video Output	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	BNC x 1, 1.0 Bp-p, 75_ unbal., sync neg.	Mini Jack, 1.0 Vp-p, 75_ sync neg.	Mini Jack, 1.0 Vp-p, 75_ sync neg.	N/A	N/A
Horizontal Res.	470 TVL	480 TVL	480 TVL	480 TVL	480 TVL	480 TVL	540 TVL	480 TVL	400TVL	400TVL	N/A	N/A
Image Size	VGA, QVGA, QQVGA	D1, VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	D1, VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	D1, VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	VGA, QVGA, QQVGA	VGA, QVGA, QQVGA
Compression	Multi codec capability (JPEG/MPEG4/H.264 <sup>2</sup> )	JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	JPEG	Multi codec capability (JPEG/MPEG4/H.264 <sup>2</sup> )	JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG
Max. frame rate	30fps JPEG/MPEG4, 10fps H.264 <sup>2</sup> at VGA	30fps VGA	30fps QVGA	30fps QVGA	30fps QVGA	30fps VGA	30fps JPEG/MPEG4, 10fps H.264 <sup>2</sup> at VGA	30fps VGA	30fps QVGA	30fps QVGA	Max. 30 fps	Max. 30 fps
Audio	G.726, G.711	N/A	G.726, G.711	G.726, G.711	G.726, G.711	N/A	G.726, G.711	N/A	G.726, G.711	G.726, G.711	G.726	G.726
Ethernet	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)	10Base-T/100Base-TX (RJ-45)
Sensor Output	Sensor input x 2	Sensor in x 3	Sensor input x 2	Sensor input x 1	Sensor input x 1	Sensor input x 1	Sensor input x 2	Sensor input x 1	Sensor input x 2	Sensor input x 1	N/A	N/A
Alarm Output	Alarm output x 2	Alarm out x 2	Alarm output x 2	Alarm output x 2	Alarm output x 2	Alarm output x 2	Alarm output x 2	Alarm output x 2	Alarm output x 1	Alarm output x 1	N/A	N/A
Card slot	PC Card Type II x 1, Memory Stick Slot x 1	PC Card Type II x 2	Compact Flash type x1	N/A	N/A	PC Card Type II x 1	PC Card Type II x 1	N/A	Compact Flash type x1	N/A	N/A	N/A
<b>GENERAL</b>												
Weight	5 lbs	2 lb 10 oz	2 lb 14 oz	1 lb 10 oz	3 lb 5 oz	1 lb 12 oz	1 lb 12 oz	1 lb 7 oz	13 oz	8 oz	9 oz	12 oz
Dimensions (WxHxD)	6.5 x 6.5 x 9.1"	5.6 x 7 x 5.8"	5.6 x 7.9 x 5.9"	5 x 5.25 x 5"	6.5 x 5.375 x 6.625"	3.25 x 3.125 x 7"	3.3 x 2.7 x 6.2"	2.875 x 2.25 x 7.875" <sup>3</sup>	5.125 x 5.125 x 5.375" <sup>3</sup>	4 x 1.44 x 5.5"	4.375 x 2.75" (DxH)	4.375 x 4" (DxH)
Power Requirements	AC24V, DC12V (owner supplied)	DC12V (supplied)	AC24V, DC12V (owner supplied)	AC24, DC12V, PoE (owner supplied)	AC24, DC12V, PoE (owner supplied)	AC24, DC12V, PoE (owner supplied)	AC24, DC12V, PoE (owner supplied)	AC24V, DC12V (owner supplied)	DC12V (supplied)	DC12V (supplied)	DC5V (supplied)	DC5V (supplied)
Power Consumption	25W	21.6 W max	18W max	7.5W max	8W max	9W max	9W max	8W max	6.2W max	3.5W max	2.9W (SNC-M1) 5.2W (SNC-M1W)	5.5W (SNC-M3) 8.2W (SNC-M3W)

1 with Cisco Aeronet wireless LAN card 2 with optional accessory SNCA-CFW1 3 with CF adapter & optional accessory SNCA-CFW1 4 H.264 browser will become available with future upgrade 5 without lens and cover

# Sony IP Video Monitoring/Surveillance Solution

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## IP VIDEO MONITORING ACCESSORIES

### Housing for the SNC-DF40N

Part Number	Description
YT-ICB40	Flush mount kit

### Housing for the SNC-DF70N

Part Number	Description
YT-ICB70	Flush mount kit

### Housing for the SNC-P5

Part Number	Description
SNCA-HP5	Housing kit

### Housing for the SNC-RZ25N

Part Number	Description
UNI-SNCOD8C2	Outdoor dome housing, pendant mount, clear dome, 24VAC input with Heater & Blower
UNI-SNCID8C2	Indoor dome housing, pendant mount, clear dome, without power
UNI-SNCODP8C2	Outdoor pressurized housing, pendant mount, tinted dome, 24VAC input with Heater & Blower
UNI-SNCRD7C2	Outdoor vandal resistant housing, pendant mount, clear dome, 24VAC input with Heater & Blower
UNI-SNCRD7C1	Indoor vandal resistant housing, pendant mount, clear dome, without power

### Housing for the SNC-RZ30N

Part Number	Description
SNC-FDP8C2/SY	Outdoor dome housing, pendant mount, clear dome, 24VAC input, with Heater & Blower
SNCOD8T2	Outdoor dome housing, pendant mount, tinted dome, 24VAC input, with Heater & Blower
SNC-ID7C1	7" Indoor recessed ceiling housing, clear lower dome, white trim ring
SNC-ID7T1	7" Indoor recessed ceiling housing, tinted lower dome, white trim ring
SNC-ID8C1	Indoor dome housing, pendant mount, clear dome without power
SNC-ID8C2	Indoor dome housing, pendant mount, clear dome 24VAC input
SNC-ID8T1	Indoor dome housing, pendant mount, tinted dome without power
SNC-ID8T2	Indoor dome housing, pendant mount, tinted dome, 24VAC input
SNC-RD7	Indoor / Outdoor vandal resistant 7" dome housing, pendant mount, clear dome
SNC-ODP8T2	Outdoor pressurized dome housing, pendant mount, tinted dome, 24VAC input with Heater & Blower
SNC-PFD8C2/SY	Outdoor pressurized dome housing, pendant mount, clear dome, 24VAC input with Heater & Blower
SNC-RDP7C2	Outdoor vandal resistant housing, pendant mount, clear dome, 24VAC input with Heater & Blower

### Replacement Domes

Part Number	Description
SNC-RD7C	Vandal resistant 7" clear lower dome replacement capsule
SNC-RD7T	Vandal resistant 7" tinted lower dome replacement capsule
SNC-RDC	Indoor 8" clear lower dome replacement capsule
SNC-RDT	Indoor 8" tinted lower dome replacement capsule

### Housings for the SNC-Z20N & SNC-CS3N

Part Number	Description
SNC-UNI	Outdoor environmental housing with wall mount bracket
SNC-UNIHB/1	Outdoor environmental housing with 24VAC Heater and Blower

### Mounting Accessories

Part Number	Description
SNC-ACA2	Corner mount bracket, must be used with SNC-WM20G
SNC-APM3	Pole mount adapter bracket, must be used with SNC-WM20G
SNC-WM20G	Gooseneck wall mount
SNC-WM30G	Parapet mount bracket

<sup>1</sup> power splitter (PD-401/12) needed

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### Power Over Ethernet

Eliminate the need for eternal power supply and its associated AC/DC power cabling, thus providing a highly cost effective, safe and reliable means for powering Sony IP video solution in any installations.

Part Number	Description
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#### MIDSPAN

PD-3001/AC	1 port PoE Injector, 802.3af compliant (for SNC-DF40N, SNC-DF70N, SNC-Z20N and SNC-CS3N <sup>1</sup> cameras)
PD-3006/AC	6 port PoE Injector, 802.3af compliant (for SNC-DF40N, SNC-DF70N, SNC-Z20N and SNC-CS3N <sup>1</sup> cameras)
PD-6012/ACDC	12 port PoE Injector, 802.3af compliant (for SNC-DF40N, SNC-DF70N, SNC-Z20N and SNC-CS3N <sup>1</sup> cameras)
PD-8001/AC	High Power Midspan, 1 ports (for SNC-RZ30N and SNC-RZ25N)
PD-8006/AC	High Power Midspan, 6 ports (for SNC-RZ30N and SNC-RZ25N)
PD-8012/AC	High Power Midspan, 12 ports (for SNC-RZ30N and SNC-RZ25N)

#### SPLITTER

PD-401/12	12 volt splitter for use with SNC-CS3N camera
PD-801/12	High power splitter for use with SNC-RZ30N and SNC-RZ25N cameras

## REAL SHOT MANAGER SOFTWARE

Part Number	Description
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#### SOFTWARE PACKAGES

IMZ-RS304/C	RSM v3 with 4 camera licenses
IMZ-RS309/C	RSM v3 with 9 camera licenses
IMZ-RS316/C	RSM v3 with 16 camera licenses
IMZ-RZ332/C	RSM v3 with 32 camera licenses

#### SOFTWARE LICENSE UPGRADES

IMZ-RS301	RSM v3 one additional camera licenses upgrade
IMZ-RS300C	RSM v3 one additional client upgrade

#### VAIO PACKAGE (Workstation w/RSM)

NVRIP4/3C	RSM V3 4 License + 1 client with VAIO
NVRIP9/3C	RSM V3 9 License + 1 client with VAIO
NVRIP16/3C	RSM V3 16 License + 1 client with VAIO

#### SYSTEM REQUIREMENTS

Operating System	.....Microsoft® Windows® 2000/XP/Server 2003 (for all RSM software)
Processor	.....Intel® Pentium® 4, 2.4 GHz or higher
Memory	.....256 MB RAM minimum
Video Card	.....Supporting 1024 x 768 at 16/24-bit color depth
Network Interface Card	.....Ethernet 100BASE-T Network Interface
Sufficient Video Storage	.....(local PC hard disk or Network Attached Storage)



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