











SONY[®]











IPELA[™]

IP Surveillance Cameras

IP Surveillance Cameras

Category	Professional Monitoring with Intelligent Features										
Sony Network Cameras											
Camera Type	Multicodex 360PTZ DEPA™-enabled	Multicodex 360PTZ DEPA™-enabled	Multicodex 360PTZ DEPA™-enabled	Multicodex PTZ DEPA™-enabled	Multicodex Fixed DEPA™-enabled	Megapixel Ruggedized MiniDome DEPA™-enabled	Megapixel Normal MiniDome DEPA™-enabled	Megapixel Fixed DEPA™-enabled	Ruggedized MiniDome DEPA™-enabled	Mini-dome DEPA™-enabled	
Camera Specifications											
Image Device	1/4 type Exwave HAD™ CCD with Dynaview™	1/4 type Exwave HAD™ CCD	1/4 type Exwave HAD™ CCD	1/4 type Super HAD™ CCD	1/3 type SuperExwave™ CCD	1/3 type Progressive Scan CCD with ExwavePRO™	1/3 type Progressive Scan CCD with ExwavePRO™	1/3 type Progressive Scan CCD with ExwavePRO™	1/4 type Progressive Scan CCD with ExwavePRO™	1/4 type Progressive Scan CCD with ExwavePRO™	
Effective Pixel	380,000 / 440,000	380,000 / 440,000	380,000 / 440,000	340,000 / 400,000	380,000 / 440,000	1,320,000	1,320,000	1,320,000	350,000	350,000	
Lens Type	Auto-focus 36x optical zoom lens	Auto-focus 26x optical zoom lens	Auto-focus 18x optical zoom lens	Auto-focus 26x optical zoom lens	CS-mount 2.7x Vari-focal auto iris lens	3.6x Vari-focal auto iris lens	3.4x Vari-focal auto iris lens	2.1x Vari-focal zoom lens	3.6x Vari-focal auto iris lens	3.6x Vari-focal auto iris lens	
Pan Angle	360° endless	360° endless	360° endless	-170 to +170°	N/A	N/A	N/A	N/A	N/A	N/A	
Tilt Angle	0 to -90°	0 to -90°	0 to -90°	-90 to +25°	N/A	N/A	N/A	N/A	N/A	N/A	
Day/Night Functions	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Activity Detection	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Wireless	YES ¹	YES ¹	YES ¹	YES ¹	YES ¹	NO	NO	NO	NO	NO	
Minimum Illumination	1.4lx (color) / 0.15lx (B/W) (F1.6, AGC ON, 50IRE)	1 lx (color) / 0.15lx (B/W) (F1.6, AGC ON, 50IRE)	0.7lx (color) / 0.15lx (B/W) (F1.6, AGC ON, 50IRE)	2.2lx (color) / 0.3lx (B/W) (F1.6, AGC ON, 50IRE)	0.4lx (color) / 0.04lx (B/W) (F0.95, AGC ON, 50 IRE)	0.8lx (color) / 0.15lx (B/W) (F1.3, AGC 30dB, 50IRE)	0.8lx (color) (F1.3, AGC 30dB, 50IRE)	0.6lx (color) / 0.01lx (B/W) (F1.3, AGC 30dB, 50IRE)	0.3lx (color) / 0.05lx (B/W) (F1.3, AGC 36dB, 50IRE)	0.3lx (color) (F1.3, AGC 36dB, 50IRE)	
Composite Video	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	
Output	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative	RCA x 1	RCA x 1	Mini-jack x 1	RCA x 1	RCA x 1	
Horizontal Resolution	530 TVL	470/460 TVL	470/460 TVL	450 TVL	540 TVL	600TVL	600TVL	600TVL	400TVL	400TVL	
Image Size	640x480, 384x288, 320x240, 160x120	640x480, 384x288, 320x240, 160x120	640x480, 384x288, 320x240, 160x120	640x480, 320x240, 160x120	640x480, 320x240, 160x120	JPEG: 1280x960, 960x720, 768x576, 640x480, 384x288, 320x240 MPEG-4: 640x480, 384x288, 320x240	JPEG: 1280x960, 960x720, 768x576, 640x480, 384x288, 320x240 MPEG-4: 640x480, 384x288, 320x240	JPEG: 1280x960, 960x720, 768x576, 640x480, 384x288, 320x240 MPEG-4: 640x480, 384x288, 320x240	JPEG: 768x576, 640x480, 384x288, 320x240 MPEG-4: 640x480, 384x288, 320x240	JPEG: 768x576, 640x480, 384x288, 320x240 MPEG-4: 640x480, 384x288, 320x240	
Compression	Multi codec capability (JPEG/MPEG4/H.264)	Multi codec capability (JPEG/MPEG4/H.264)	Multi codec capability (JPEG/MPEG4/H.264)	Multi codec capability (JPEG/MPEG4/H.264)	Multi codec capability (JPEG/MPEG4/H.264)	Dual-encoding capability (JPEG/MPEG4)	Dual-encoding capability (JPEG/MPEG4)	Dual-encoding capability (JPEG/MPEG4)	Dual-encoding capability (JPEG/MPEG4)	Dual-encoding capability (JPEG/MPEG4)	
Maximum Frame Rate	30/25fps JPEG/MPEG4. 10/8fps H.264 at VGA	30/25fps JPEG/MPEG4. 10/8fps H.264 at VGA	30/25fps JPEG/MPEG4. 10/8fps H.264 at VGA	30/25fps JPEG/MPEG4. 10/8fps H.264 at VGA	30/25fps JPEG/MPEG4. 10/8fps H.264 at VGA	30fps (640x480) 15fps (1280x960, 768x576)	30fps (640x480) 15fps (1280x960, 768x576)	30fps (640x480) 15fps (1280x960, 768x576)	30fps (768x576, 640x480)	30fps (768x576, 640x480)	
Audio	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	
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)	
Sensor Input	Sensor input x 2	Sensor input x 2	Sensor input x 2	Sensor input x 2	Sensor input x 2	Sensor input x 1	Sensor input x 1	Sensor input x 1	Sensor input x 1	Sensor input x 1	
Alarm Output	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 2	Alarm output x 2	Alarm output x 2	Alarm output x 2	
Card Slot	PC Card x 1, Memory Stick® x 1	PC Card x 1, Memory Stick® x 1	PC Card x 1, Memory Stick® x 1	PC Card x 1, Compact Flash™ x 1	PC Card x 1	N/A	N/A	N/A	N/A	N/A	
General											
Weight	2.2 kg (4 lb 13 oz)	2.2 kg (4 lb 13 oz)	2.2 kg (4 lb 13 oz)	1.2 kg (2 lb 10 oz)	750 g (1 lb 10 oz) excl. cover equipment, 880 g (1 lb 15 oz) incl. cover equipment	1.4 kg (3 lb 1 oz)	780 g (1 lb 11 oz)	700 g (1 lb 9 oz)	1.4 kg (3 lb 1 oz)	780 g (1 lb 11 oz)	
Dimensions (WxHxD)	160 x 160 x 230 mm (6 3/8 x 6 3/8 x 9 1/8")	160 x 160 x 230 mm (6 3/8 x 6 3/8 x 9 1/8")	160 x 160 x 230 mm (6 3/8 x 6 3/8 x 9 1/8")	140 x 166 x 142 mm (5 5/8 x 6 5/8 x 5 5/8")	84 x 69 x 196 mm (3 3/8 x 2 3/4 x 7 3/4") excl. cover equipment 84 x 69 x 265 mm (3 3/8 x 2 3/4 x 10 1/2") incl. cover equipment	166 diameter x 119 mm (6 5/8 diameter x 4 3/4")	140 diameter x 118 mm (5 5/8 diameter x 4 3/4")	82.5 x 63 x 187.5 mm including Lens (3 1/4 x 2 1/2 x 7 1/2")	166 diameter x 119 mm (6 5/8 diameter x 4 3/4")	140 diameter x 118 mm (5 5/8 diameter x 4 3/4")	
Power Requirements	AC24V, DC12V external power required	AC24V, DC12V external power required	AC24V, DC12V external power required	DC12V (supplied)	AC24V, DC12V, PoE	AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	
Power Consumption	27W max.	25W max.	24W max.	20W max.	9W max.	15W max.	8W max.	8W max.	15W max.	7.5W max.	
Optional Accessories	SNCA-CFWS: IEEE802.11g/11b Wireless LAN Card, SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	SNCA-CFWS: IEEE802.11g/11b Wireless LAN Card, SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	SNCA-CFWS: IEEE802.11g/11b Wireless LAN Card, SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	SNCA-CFWS: IEEE802.11g/11b Wireless LAN Card, SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	SNCA-CFWS: IEEE802.11g/11b Wireless LAN Card, SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	SNCA-CFWS: IEEE802.11g/11b Wireless LAN Card, SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	YT-ICB45: In-Ceiling Mount Bracket	YT-ICB45: In-Ceiling Mount Bracket	—	YT-ICB45: In-Ceiling Mount Bracket	YT-ICB45: In-Ceiling Mount Bracket

¹ with optional accessory SNCA-CFWS, SNCA-CFW1 (requires type II PCMCIA adaptor)

				Professional Monitoring				Entry-level	
									
SNC-CS20	SNC-DF80N/P	SNC-DF85N/P	SNC-DF50N/P	SNC-RZ30N/P	SNC-RZ25N/P	SNC-CS11	SNC-CS10	SNC-P5	SNC-P1
Compact & Slim DEPA™-enabled	Ruggedized MiniDome DEPA™-enabled	Ruggedized Dynaview™ MiniDome DEPA™-enabled	Mini-dome DEPA™-enabled	Network Camera with PTZ	Network Camera with PTZ	Compact & Slim Fixed	Compact & Slim Fixed	All-in-one, integrated PTZ	Fixed all-in-one
1/4 type Progressive Scan CCD with ExwavePRO™	1/3 type SuperExwave™ CCD	1/3 type CCD with Dynaview™	1/3 type CCD with Dynaview™	1/6 type Super HAD™ CCD	1/4 type Exwave HAD™ CCD	1/4 type progressive scan CCD	1/4 type progressive scan CCD	1/4 type progressive scan CCD	1/4 type progressive scan CCD
350,000	380,000 / 440,000	380,000 / 440,000	380,000 / 440,000	680,000 / 8 00,000 (total)	380,000 / 440,000	330,000	330,000	330,000	330,000
2.7x Vari-focal zoom lens	3.6x Vari-focal auto Iris lens	3.6x Vari-focal auto iris lens	3.6x Vari-focal auto Iris lens	Auto-focus 25x optical zoom lens	Auto-focus 18x optical zoom lens	CS-mount Vari-focal auto iris lens	CS-mount (owner supplied)	Pan focus 3x Optical zoom lens	Fixed focal lens
N/A	N/A	N/A	N/A	-170 to +170°	-170 to +170°	N/A	N/A	-60 to +60°	N/A
N/A	N/A	N/A	N/A	-90 to +25°	-90 to +30°	N/A	N/A	-65 to +10°	N/A
YES	YES	YES	YES	YES	YES	N/A	N/A	N/A	N/A
YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NO	NO	NO	NO	NO	YES ¹	NO	NO	YES ¹	NO
0.2lx (color) / 0.02lx (B/W) (F1.3, AGC 36dB, 50IRE)	0.6lx (color) / 0.06lx(B/W) (F1.3, AGC ON, 50 IRE)	0.7lx (color) / 0.15lx (B/W) (F1.3, AGC ON, 50IRE)	0.7lx (color) (F1.3, AGC ON, 50 IRE)	2.5lx (color) / 0.1lx (B/W) (F1.6, AGC ON, 50IRE)	0.7lx (color) / 0.06lx (B/W) (F1.4, AGC ON, 50IRE)	1.7lx (F1.0, AGC ON, 50IRE)	1.7lx (F1.0, AGC ON, 50IRE)	3.5lx (F2.8, AGC ON, 30IRE)	1.2lx (F2.0, AGC ON, 30IRE)
BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	BNC x 1, 1.0 Vp-p, 75Ω	Mini Jack 1.0 Vp-p, 75Ω	Mini Jack 1.0 Vp-p, 75Ω
Mini-jack x 1	RCA x1	RCA x 1	RCA x 1	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative	unbalanced, sync negative
400TVL	540 TVL	480TVL	480TVL	480 TVL	470 TVL	400 TVL	400 TVL	400 TVL	400 TVL
JPEG: 768x576, 640x480, 384x288, 320x240, MPEG-4: 640x480, 384x288, 320x240	640x480, 320x240, 160x120	640x480, 320x240, 160x120	640x480, 320x240, 160x120	736x480/544, 640x480, 320x240, 160x120	640x480, 480x360, 384x288, 320x240, 256x192, 160x120	640x480, 480x360, 384x288, 320x240, 256x192, 160x120	640x480, 480x360, 384x288, 320x240, 256x192, 160x120	640x480, 480x360, 384x288, 20x240, 256x192, 160x120	640x480, 480x360, 384x288, 320x240, 256x192, 160x120
Dual-encoding capability (JPEG/MPEG4)	Multi codec capability (JPEG/MPEG4/H.264)	Multi codec capability (JPEG/MPEG4/H.264)	Multi codec capability (JPEG/MPEG4/H.264)	JPEG	MPEG4/JPEG	MPEG4/JPEG	MPEG4/JPEG	MPEG4/JPEG	MPEG4/JPEG
30fps (768x576, 640x480)	30/25fps JPEG/MPEG4, 10/8fps H.264 at VGA	30/25fps JPEG/MPEG4, 10/8fps H.264 at VGA	30/25fps JPEG/MPEG4, 10/8fps H.264 at VGA	30/25fps VGA	18fps JPEG, 15fps MPEG4 at VGA, 30/25fps JPEG/MPEG4 at QVGA	JPEG: 18fps (VGA), 30fps (QVGA) MPEG: 15fps (VGA), 30fps (QVGA)	JPEG: 18fps (VGA), 30fps (QVGA) MPEG: 15fps (VGA), 30fps (QVGA)	JPEG: 18fps (VGA), 30fps (QVGA) MPEG: 15fps (VGA), 30fps (QVGA)	JPEG: 18fps (VGA), 30fps (QVGA) MPEG: 15fps (VGA), 30fps (QVGA)
G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	N/A	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711	G.726, G.711
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 input x 1	Sensor input x 1	Sensor input x 1	Sensor input x 1	Sensor input x 3	Sensor input x 2	Sensor input x 1	Sensor input x 1	Sensor input x 2	Sensor input x1
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	Alarm output x 1	Alarm output x1
N/A	Compact Flash™ x 1	Compact Flash™ x 1	N/A	PC Card x 2	Compact Flash™ x 1	N/A	N/A	Compact Flash™ x1	N/A
700 g (1 lb 9 oz)	1.8 kg (3 lb 15 oz)	1.9 kg	920 g (2 lb)	1.2 kg (2 lb 10 oz)	1.3 kg (2 lb 14 oz)	430 g (15 oz)	475 g (1 lb 1 oz)	380 g (13 oz)	225 g (8 oz)
82.5 x 63 x 176.2 mm including Lens (3 1/4 x 2 1/2 x 7")	177 diameter x 141mm (7 diameter x 5 5/8")	177 diameter x 141mm (7 diameter x 5 5/8")	126 diameter x 140mm (5 diameter x 5 5/8")	140 x 175 x 144 mm (5 5/8 x 7 x 5 3/4")	140 x 206 x 148 mm (5 5/8 x 8 1/8 x 5 7/8")	70 x 57 x 116 mm (2 7/8 x 2 1/4 x 4 5/8")	70 x 57 x 158 mm (2 7/8 x 2 1/4 x 6 1/8") Including lens	130 x 130 x 110 mm (5 1/8 x 5 1/8 x 4 3/8")	99.5 x 35 x 138.5 mm (4 x 1 7/16 x 5 1/2")
AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	AC24V, DC12V, PoE external power required	DC12V (supplied)	AC24V, DC12V external power required	AC24V, DC12V, PoE external power required	AC24V, DC12V external power required	DC12V (supplied)	DC12V (supplied)
8W max.	10W max.	10W max.	9W max.	21.6W max.	17W max.	5.7W max.	5.7W max.	6.2W max.	3.5W max.
—	YT-ICB45: In-Ceiling Mount Bracket YT-HU75: Heater Unit	YT-ICB45: In-Ceiling Mount Bracket YT-HU75: Heater Unit	YT-ICB45: In-Ceiling Mount Bracket	—	SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna	—	—	SNCA-CFW1: IEEE802.11b Wireless LAN Card, SNCA-AN1: Wireless LAN Antenna, SNCA-HP5: Housing Kit	—

¹ with optional accessory SNCA-CFW5, SNCA-CFW1 (requires type II PCMCIA adaptor)

The Sony logo is centered in the middle of the page. It consists of the word "SONY" in a bold, white, sans-serif font, followed by a registered trademark symbol (®). The background is dark with a green light streak on the right side.

SONY®

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