

New Product Bulletin.

Network Video Monitoring and CCTV.

Model Name;	SSC-DC80P SSC-DC83P SSC-DC88P
Description;	The SSC-DC80P/DC83P/DC88P is a colour video camera equipped with an Exwave HAD™ technology using a 1/2" type CCD. The SSC-DC80 series has an exclusive feature set, which makes it ideal for applications presenting difficult and variable lighting conditions. The range of power options offer the installer a choice at every installation. The simple but stylish look make it at home either in a housing or on its optional bracket.
Key Features;	<ul style="list-style-type: none"> • High sensitivity (Minimum illumination 0.4 lx, F 1.2) • Typical settings made to meet the environment in which you use the unit are stored as a custom template. This allows you to load the desired settings quickly and easily. • Automatic white balance (ATW/ATW PRO) • Auto-iris lens controlled by video signal or DC supply • BLC (Backlight Compensation) through the centre measurement/spot measurement. • The variable gamma allows the unit to accommodate to various types of environment (4 patterns and OFF) • Private mask function for hiding the area which you do not want to display on the screen • Activity detection function allows the unit to detect a change of the video signal in the detection area. • The built-in tripod screws are located on both the top and bottom of the unit. • In addition to Video out (BNC type), S video out connector is equipped for Y/C output. • Various power source & External synchronization. • Also available in NTSC.



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Suggested Applications;	<ul style="list-style-type: none"> • Town centres. • Retail outlets. • Housing estates/developments. • Car parks. • Railways.
Benefits;	This range of cameras represents exceptional value for money and is comparable to many key competition models. Sony has won significant business with this model, such as the London Underground.

Detailed Specifications.

Image device;	1/2 type CCD (Exwave HAD technology)
Horz. Resolution;	480 TV Lines
S/N ratio;	More than 50dB (AGC Off, weight on)
Min. illumination;	0.4 lux (REVISED) (AGC Turbo, F1.2, 50 IRE)
AGC;	Turbo/Normal/Manual/Off
CCD IRIS;	1/50 sec to 1/100,000 sec (On/Off/Manual)
Auto iris lens;	DC/Video servo
White Balance;	ATW-pro/ATW/3200K/5600K/Manual
Back-Light Comp. (BLC);	Spot/Weight/Off
Sync system;	INT/VS/MPX-VD
Variable Gamma Curve;	4 types/Off selectable
Video out;	Composite / S-Video
Lens mount;	CS mount (C-mount lens can be used with supplied adaptor)
Dimensions (W×H×D);	70□57□131mm (without rear cover) 70□57□260mm (with rear cover)
Mass;	Approx 460g (without rear cover) Approx 560g (with rear cover)
Operating temperature;	-10 to 50 degree (Celsius)



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Storage temperature;	-20 to 60 degree (Celsius)
Relative operating humidity;	20 ~ 80 %
Relative storage humidity;	20 ~ 95 %
Supplied accessories;	Lens mount cap x 1 Front and rear cover Cover holding screw x2 C mount adaptor Menu manual & Operating instruction manual.
Privacy zone masking;	Area 1/2 On/Off, Inner/Outer
Alarms;	Activity detection, alarm out
User preset;	2 positions
Serial control;	RS-485

*Exwave HAD™ is a trademark of Sony Corporation.

Additional Information.

The SSC-DC80 Series accept various power sources and operate external synchronization in the following methods;

Model name	Power source	Synchronization
SSC-DC80P	DC 12V/YS-W170P/W270P	DV/VS/internal
SSC-DC83P	AC 24V or DC 12V	LL/VS/internal or AC line lock (50Hz)
SSC-DC88P	AC 230V	LL/VS/internal or AC line lock (50Hz)

Product Name	Model Name	Dest.	Product Code	Ex-factory
SSC-DC80P	COLOR CAMERA	CE7	32-4343-40	M/ Mar, '05
SSC-DC83P	COLOR CAMERA	CES	32-4344-40	M/ Mar, '05
SSC-DC88P	COLOR CAMERA	CED	32-4345-40	M/ Mar, '05

Lenses;



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- Fujinon f = 4.5mm-10mm, F = 1.5
- CBC f = 4.5mm-10mm, F = 1.6
- CBC f = 4.5mm-12.5mm, F = 1.2

Certifications;

	SSC-DC80P	SSC-DC83P	SSC-DC88P
UL2044	-	-	-
EN60065	-	-	Yes
IEC60065	Yes	Yes	-
CB REPORT	Yes	Yes	Yes
FCC part15 Class□	-	-	-
EN61000-6-3, EN50130-4	Yes	Yes	Yes
AS/NZS4251.1	Yes	Yes	Yes

Connectors;

Pin #	Signal	Description
1	RS-485+	Used to control the unit from an external control device. For detailed information on how to connect, refer to the manual supplied with an external control device.
2	RS-485-	Used to control the unit from an external control device. For detailed information on how to connect, refer to the manual supplied with an external control device.
3	ALARM OUT	Outputs 0 to 5 V position at Active 1, when Activity Detection is enabled
4	COM	Common to pin No.3

Video out;

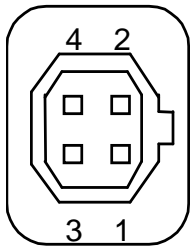
BNC, 1.0Vp-p, 75 ohms

Auto iris lens connector;

4 pin



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Pin	DC servo	Video servo
1	Control (-)	Power(DC9V,max.50mA)
2	Control (+)	Not connected
3	Drive (+)	Video (0.7V p-p)
4	Drive (-) (GND)	(GND)

MTBF;

- SSC-DC80P (CE) 131,914 hours = approx.15.1 years
- SSC-DC83P (CE) 135,636 hours = approx.15.5 years
- SSC-DC88P (CE) 156,074 hours = approx.17.8 years

External Appearance;

SSC-DC80P series



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