

PRO-680DN Box CCTV Camera

With inter-changeable Vari-focal Lens, IR CUT FILTER & Outdoor Housings Options

The **PRO-680DN** is a high resolution box CCTV security camera made with the **Sony ExView HAD CCD II sensor**. It is capable of capturing video at 700 lines of resolution in day (color) and night mode (B&W). With **HAD TECHNOLOGY**. **Super HAD CCD** is a CCD that drastically improves sensitivity by introducing newly developed semiconductor technology by Sony Corporation into Sony's high-performance **HAD** (Hole-Accumulation Diode) sensor.



The 680DN box camera allows installers to easily swap out the lens as needed. Each of the PRO-680DN models include a different lens and additional lenses can be purchased separately.

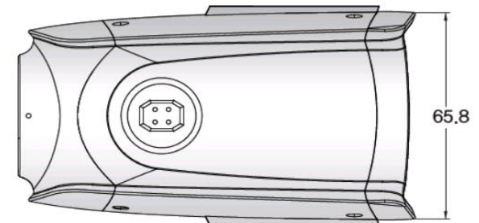
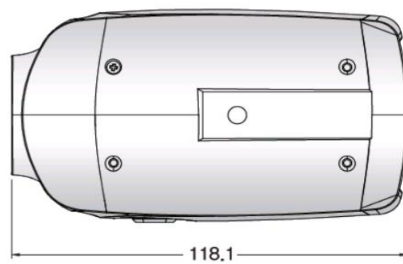
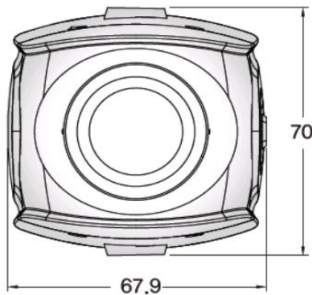
The 680DN is an indoor camera, but with a weatherproof outdoor housing, it can be used in the harshest of weather.



The dual voltage power supports DC12V or 24VAC power.

PRO-680DN Features

CCD	1/3" SONY SUPER HAD Ex-view CCD Sensor	
Effective Pixels	976 (H) x 494 (V) 520k pixels (NTSC video format)	
680DN Resolution	700 TV Lines in color and B&W	
IR Cut Filter	Our 680DN includes an IR Cut Filter with can be used with external IR LEDs	
Video Output	CVBS: 1.0Vp-p / 75ohm	
Scanning System	2:1 Interlaced	
Frequency	Horizontal 15.734 [KHz] / Vertical 59.94 [Hz] (NTSC)	
Minimum Illumination	0.1 LUX at F1.2 + 0.0001 LUX (Sens up x 256)	
Electronic Shutter Speed	Auto / Manual (1/60sec ~ 1/100,000 sec NTSC)	[Default: AUTO]
SMART 3D DNR	Digital Noise Reduction Selectable via OSD: On / Off	[Default: ON]
AGC (Auto Gain Control)	Selectable via OSD: Low / Middle / High / Off	[Default: HIGH]
Backlight Compensation	Selectable via OSD: Off / D-WDR / BLC / HSBLCL	[Default: OFF]
F-DNR (D-FOG)	Selectable via OSD: Off / Manual / Auto	[Default: OFF]
Day & Night	Auto (Day <-> Night TIME change) / Color / B&W	[Default: AUTO]
O.S.D. on Camera menu	Built-In On Screen Display allows user to configure settings (located on back)	
White Balance	ATW / AWB / AWC / MANUAL [Default: ATW]	
Privacy	Selectable via OSD: OFF / ON (8 Zones)	[Default: OFF]
Motion Detection	Selectable via OSD: OFF / ON (4 Zones)	[Default: OFF]
Image Conversion	Selectable via OSD: OFF / ON	[Default: OFF]
Languages	English (Default), Japanese, German, French, Russian, Portuguese, Spanish	
Dual Power Supply	Dual Power: DC 12V or 24V AC	
Operating Temp (C. / F.)	Operating Temp: -10°C ~ +50°C / 14°F to 122°F	
Storage Temp	Storage Temp: -20°C ~ +60°C / -4°F to 140°F	
Weight	Weight: approximately 11.3 OZ / 0.32 Kilos with a fixed 3.5 to 8mm Lens	



PRO-680DN Camera Dimensions (in Millimeters & Inches)

- Width: 67.9mm / 2.67 Inches
- Height: 70mm / 2.75 Inches
- Length (without Lens): 118.1mm / 4.64 Inches