

DPRO-AD940 Invisible IR CCTV Camera

1080p HD Weatherproof & Vandal Proof Dome with 940nm Infrared LEDs

The DPRO-AD940 is an indoor / outdoor dome CCTV camera with 940nm invisible IR LEDs. This surveillance camera has a **2.8 to 12mm Varifocal lens** which allows installers to adjust the field of view / zoom level during installation. The 1/2.9", 2MP Sony CMOS image sensor supports **1080p in AHD mode and 960H (960 x 480) in CVBS mode**. The AD940 features a vandal resistant IP67 rated weatherproof dome housing to protect the vital components of the camera.



The AD940 offers **exceptional low light** video surveillance performance down to **0.05 LUX** before activating the built-in IR LEDs. The AD940 IR is capable of capturing images **up to 25 to 30 Meters / 80 to 90 feet away** in zero light conditions. Furthermore, the 940nm IR LEDs are totally invisible and do not emit a red glow like standard 850nm IR LEDs do, giving away the camera's position.

DPRO-AD940 Key Features

DC Auto Iris Lens with **2.8 to 12mm Varifocal Lens**

1080p HD Resolution in AHD mode and 960H in CVBS mode (Standard Analog)

Outdoor **weatherproof rating of IP67** ensures the camera will hold up in harsh weather

SENS-UP setting, also known as intensifier, can be adjusted to enhance low-light surveillance

Infrared LEDs for illumination **up to 30 meters / 90 feet** (IR LEDs Varifocal 30 pcs)

The AD940 LEDs use **940nm infrared LEDs**, which do not emit a red glow like 850nm IR LEDs

On-Screen Display (OSD) menu, for configurations, accessed via a small joystick behind the lens

Website Link: For more information, click here: [CCTV DPRO-AD940 Dome Camera](#)

What is OSD?

*The OSD stands for **On Screen Display** and allows installers to fine tune a CCTV camera's image settings to adjust settings such as: Color, Digital Noise Reduction (DNR), color/black & white, and Back Light Compensation (BLC). For most installations, the camera's factory default settings will work just fine.*

DPRO-AD940 Features

| | |
|--------------------------------------|--|
| CCD / Image Device | 1/2.9" Sony CMOS Image Sensor |
| Sync System | Internal |
| Total Pixels | 2000 (H) x 1121 (V) 2.24M Pixels (NTSC) |
| Video Output | 1.0V p-p Composite 75 ohm |
| Scanning System | 2:1 Interlaced |
| Resolution | 1080p / 720p in AHD Mode 960H (960 x 480) in CVBS Mode |
| Infrared (IR) Range | Infrared visibility range up to 30 meter / 90 feet in complete darkness (zero light) |
| 940nm LEDs | Contains 30 Infrared IR LEDs |
| Invisible IR Light | 940nm Infrared LEDs Invisible to the Human Eye |
| Minimum Illumination | 0.05 Lux during daytime and 0 Lux with IR on |
| OSD (On Screen Display) | OSD joystick is located behind the camera lens |
| Backlight Compensation (BLC) | ON / OFF Selectable |
| S/N Ration / Gamma | More than 50 (Db) / R=0.45 |
| SENS-UP | Ambient light amplification, used to improve nighttime visibility, without IR |
| Privacy | ON / OFF |
| White Balance | ATW / AWC / Indoor / Outdoor / Manual / AWB |
| Power Supply | 12V-DC 500Ma (Max) |
| Operating Temperature | Operating Temp: -10°C ~ 50°C / 14°F to 122°F |
| Dimensions | Dome Height: 3.8" (98mm); Dome Width: 5.31" (135mm). |
| Weight | Weight: 1.76 LBS. / 0.8 Kilos / 800 Grams |
| CCTV Camera Pros Website Link | For more information: CCTV DPRO-AD940 Dome Camera |

Day and Night Surveillance Image Samples



Color Day Mode



B&W Infrared Night Mode

What does 940nm Infrared mean?

940nm IR LEDs operate at a 940-nanometer frequency which is a light frequency that is not visible to the human eye. 850nm IR LEDs are slightly visible to human eyes. 850nm infrared LEDs emit a red glow and are more typically used on surveillance cameras because they do illuminate areas better than 940nm. This is the trade-off when considering a 940nm vs an 850nm infrared camera.