

Night View



Raw video from a surveillance camera



Enhanced video coming from NightView

Most of the crime happens in the darkness

Criminals know that surveillance cameras don't operate well at low light or high contrast situations. Low light generates noisy video images at best, and bright lights (like from car head lights) overexpose the electronics in the camera, such that all detail is lost. The electronics in a standard surveillance camera are just too simple to compensate for that.

This all changes with the plug-and-play NightView appliance from DynaPel. It works with virtually every camera and generates clean and crisp video from noisy, overexposed, or underexposed input video.

NightView Makes Night Videos Useable

NightView not only corrects poorly lit video, but also video taken under changing light conditions—like overexposure from headlights or underexposure in poorly lit areas—and provides a balanced image showing maximum detail.

- A NightView video shows cleaner details. Sharp details are a requirement for good and high quality security video.
- NightView video is less fatiguing to watch and makes it much easier for an operator to recognize critical situations, suspicious behavior or people. Keeping the operator alert is a major challenge in real-life video surveillance.

NightView Features

The NightView appliance is simple to install. It connects between any standard camera and downstream devices such as recorders, multiplexer or transmission systems.

- Works with standard analog cameras
 - New installations and retro-fit market are both available
 - NTSC or PAL video in and out
 - Composite Video in and out
- Corrects for all kinds of bad video
 - overexposure
 - underexposure
 - low contrast
 - low color fidelity
 - dims bright spots
 - lightens up dark spots
 - reduces image noise
 - Never degrades video
- Simple On-Screen or DIP switch selection of parameters

NightView at a glance

Application Scenarios - Digital Real-Time Video Enhancement

NightView integrates with any standard analog camera or CCTV system and is particularly suitable for:

- Law Enforcement
- Video surveillance in the darkness at parking lots, car dealers, gas stations
- Public places, streets, corporate and public buildings



Technical Specification NightView Desktop Video Appliance

Video Input:	1 composite video input, BNC connector, 75 Ohm. Auto sensing for NTSC and PAL.
Video Output:	1 composite video output, BNC connector, 75 Ohm. Output format automatically adapted to input format.
Control:	Parameter selection is possible by using an OSD menu with a 6-key keypad or by setting 12 DIP-switches.
Operating Conditions:	Temperature: 30 – 120°F (0 – 50°C) Humidity: 20 – 95%, non-condensing
Metrics:	Height: 2.2" (5.5 cm) Width: 6.7" (16.9 cm) Length: 7.3" (18.5 cm) Weight: 2.4 lbs (1.1 kg)
Power:	External power supply 12V DC, 1.2 A
EMC Approvals:	FCC Part 15 Class A digital device, CE