



**NiteDevil**  
Sees in the Dark

PTZ630P  
36x Zoom 540TVL WDR

## High Speed PTZ with Intelligent IR The PTZ & IR focus together

### IR Lighting **EXPLAINED**

IR LEDs when built into CCTV cameras can give illumination in areas with no other light source. However it's really important to understand that the actual output power of the built in IR LEDs is very low, typically 3-10 watts. If you think of how bright a 10w bulb is, you will quickly come to the conclusion "not very". This is why cameras with built in IR LEDs will not actually illuminate a very big area at all. The IR illuminators built into these cameras are best thought of as "invisible torch lights" just like a medium powered hand held torch. So what you could see with a torch, you would more or less get with these IR cameras.

“ IR illumination is best thought of as a torch beam built into cameras rather than a floodlight. ”



Like a torch, the IR light is very directional more of a spot light than a floodlight. Of course some IR cameras are more powerful than others but few, if any, can offer any genuine useable "floodlighting" of any kind.

Because the built in IR illumination is very much a torch light, users of such cameras will often describe people's faces being "bleached out" just like shining a torch at someone's face close up! This can be a real problem with cameras with built in IR lights. If this reflection is a problem and you get "bleached out" faces then the camera is generally too close to the subject it's looking at or the IR illuminator is too powerful for the location it's used in such as an entrance porch.

When you need extra illumination you can use IR lights. By using these as a light source for a CCTV camera we can get the most out of CCTV surveillance. Our FireFly IR lamp has a dual cluster design so you don't need to sacrifice the length of illumination to the wide angle of light.

For more information on IR Lighting Explained see the online tip 257 at [nitedevil.com](http://nitedevil.com) ▶▶▶



### Features

- ✓ Intelligent IRs
- ✓ 36x Optical Zoom
- ✓ 540TVL
- ✓ 8 Tours, 220 Pre-sets
- ✓ 200°/sec Pan Speed
- ✓ 120°/sec tilt Speed
- ✓ IP66
- ✓ Wide Dynamic Range
- ✓ 360° Continuous Rotation
- ✓ Privacy Masking

### Specification

OSD Menu  
Pelco D or P  
360° Pan, 200°/sec  
5°-90°Tilt, 120°/sec  
3 Alarm inputs, Auto flip  
360°/sec Max auto speed  
220 Presets  
8 Tours (each with 32 presets)  
4 Recordable scan (max 10min)  
Proportional zoom function  
Auto reset function  
12x IR LEDs up to 100m  
0 Lux IRs On  
24V AC  
1.1A IR on  
Size: 264 x 437mm  
Dia 226mm  
IP66  
Graphite Grey Finish

### Options Available

PART CODE	DESCRIPTION
PTZ630K	500TVL 27x Zoom

### Other Products To Consider



3D PTZ Controller  
5" Quad Colour  
LCD Screen  
PTZ715

Visit the user friendly site:  
[www.nitedevil.com](http://www.nitedevil.com)

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