

The Puck™

www.honeywellvideo.com

INFRARED ILLUMINATOR

The Puck™ Infrared (SWIR-SWIRW) Illuminator is an IR solution that uses 25 LEDs to cast an infrared beam up to 40 feet (12.2 m). It allows your CCTV cameras to capture detailed images in complete darkness. The Puck is compatible with most day/night cameras that are sensitive to infrared light at 875 nm.

Consisting of near infrared light-emitting diodes (LEDs), a power regulator, an infrared optimized covered lens, and a die-cast alloy base, the Puck has a 360° sweep when ceiling mounted and a $\pm 30^\circ$ sweep when wall mounted.

The Puck is impact resistant and withstands a blow from an eight pound sledgehammer. For extra durability, the polycarbonate lens is hard coated for extra scratch resistance.

It comes in a choice of wide or combined wide/narrow LED versions and, if the angle isn't quite right, the IR beam can be adjusted by $\pm 30^\circ$ simply by rotating the lens on the base.

Market Opportunities

The Honeywell Puck is the IR illuminator of choice for 24/7 surveillance applications. This low cost IR illuminator is the ideal solution for illuminating large areas such as parking lots, loading bays, docks, prison yards and other areas that can benefit from infrared illumination for enhanced security applications.

Features

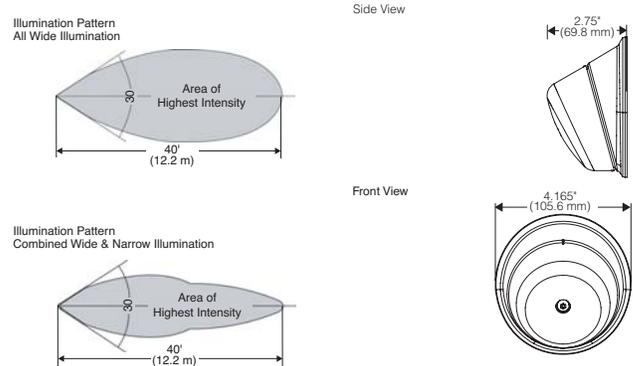
- Impact-resistant illuminator withstands the blow from an 8-pound sledgehammer
- Illuminator works to distances of 40 feet (12.2 m) for use alongside any IR-sensitive CCTV camera
- Pre-configured with 25 wide-angle LEDs
- Choice of wide or combined wide/narrow LED versions
- 12 VDC or 24 VAC models available
- Suitable for indoor and outdoor applications
- Measures less than 4.5 inches in diameter and weighs less than 1 lb
- Comes fully assembled for easy installation
- Mark and scratch-resistant base and lens
- Tamper-resistant security screws for added security



SPECIFICATIONS

Operational	
IR Wavelength	875 nm
Illumination Distance	up to 40 ft (x m)
Number of LEDs	25
Normal LED life	50,000 hours
Gimbal Adjustment	±30%
Electrical	
Input Voltage	12 VDC or 24 VAC
Input Range	11-13 VDC, 22-26 VAC
Power Consumption	DC: 12 VDC 5 W AC: 24 VAC 5 W
Mechanical	
Dimensions	See Line Drawing
Weight	0.538 lb (244.1 g)
Construction	Housing: Aluminum Dome: Polycarbonate Finish: Gray
Connectors	Power input: Pre-stripped leads
Environmental	
Temperature	Operating: -4°F to 104°F (-20°C to 40°C) Storage: -13°C to +158°C (-25°F to 70°F)
Relative Humidity	0-90% RH non-condensing

Accessories:			
Transformers			
HPT12DC500	12 VDC, 500 mA plug-in regulated 2.1 mm coaxial plug UL Listed/CSA Certified		
HPT2420	24 VAC, 20 VA Class 2 plug-in with thermal cut-out		
Power Supplies			
UL Listed	Fused	Smart Fused	Description
HPTV2404UL	HPTV2404	HPTV2404CB	4 A, 4 Output
HPTV2408UL	HPTV2408	HPTV2408CB	4 A, 8 Output
HPTV2416UL	HPTV2416	HPTV2416CB	8 A, 16 Output
Cameras			
HCD484L	True Day/Night High Resolution Color Camera		
HCM574L	High Resolution Black and White Camera		
HCM384L	Standard Resolution Black and White Camera		
HD28D4HR9	HEV28 Housing, True Day/Night High Resolution Color Camera with 4-9 mm VFAL lens		
HD28D4HR6	HEV28 Housing, True Day/Night High Resolution Color Camera with 2.6-6 mm VFAL lens		
HD14D4HR9	HEV14 Housing, True Day/Night High Resolution Color Camera with 4-9 mm VFAL lens		
HD14D4HR6	HEV14 Housing, True Day/Night High Resolution Color Camera with 2.6-6 mm VFAL lens		



Ordering	
SWIRW-AC	Puck, Wide Illumination, AC Illuminator
SWIRW-DC	Puck, Wide Illumination, DC Illuminator
SWIR-AC	Puck, Combined Wide/Narrow Illumination, AC Illuminator
SWIR-DC	Puck, Combined Wide/Narrow Illumination, DC Illuminator

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security & Data Collection

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