

720p TDN IR Ball Camera

HD29HD1/HD30HD1

Supercharge your analog security system with Honeywell's HQA technology for high definition 720p images over your existing coax infrastructure. The Performance Series HQA line includes a wide range of high performing IR cameras that are easy to install and even easier to use.

Superior Image Quality

- High definition 720p image with a 1/2.9" 1 megapixel sensor
- Long distance transmission over coaxial cable with low attenuation and latency—up to 1,640 ft (500 m) using RG-59/U
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 2D noise reduction

Flexible Surveillance Solution

- 3.6 mm (F1.6) fixed lens
- IR LEDs provide up to 65 ft (20 m) or 100 ft (30 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Smart IR technology provides even distribution of IR
- Weatherproof (IP66) camera housing (HD30HD1)
- -22°F to 140°F (-30°C to 60°C) working temperature
- Plug-and-play compatible with Honeywell 4/8/16-channel Performance Series HQA DVRs

Easy to Install and Use

- 12 VDC power input
- Uses existing BNC cabling—no rewiring required
- Remote configuration through web client or from the DVR

These flexible, fully featured cameras are ideal for a wide range of indoor surveillance applications, providing excellent picture quality at an affordable price.

FEATURES AND BENEFITS

- 1/2.9" 1 MP CMOS imager
- 3.6 mm fixed lens
- True day/night (IR-cut filter)
- Low-light performance down to 0.05 lux (color) or 0 lux with IR LEDs on
- Up to 65 ft (20 m) or 100 ft (30 m) of IR illumination, depending on scene reflectance
- Transmission distances up to 1,640 ft (500 m)
- 12 VDC power input



HD29HD1



HD30HD1

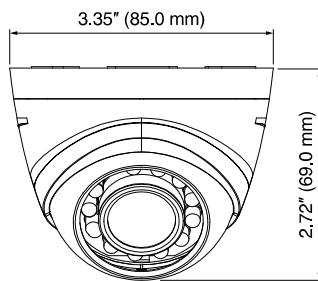
720p TDN IR Ball Camera

SPECIFICATIONS

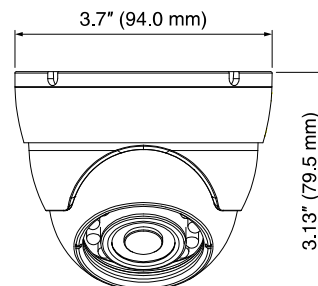
OPERATIONAL		MECHANICAL	
VIDEO STANDARD	NTSC	DIMENSIONS	HD29HD1: 3.35 × 2.72 in. (85.0 × 69.0 mm) HD30HD1: 3.7 × 3.13 in. (94.0 × 79.5 mm)
SCANNING SYSTEM	Progressive scan	WEIGHT	HD29HD1: 0.22 lb (0.1 kg) HD30HD1: 0.77 lb (0.35 kg)
IMAGE SENSOR	1/2.9" 1 MP CMOS	CONSTRUCTION	HD29HD1: Plastic HD30HD1: Die-cast aluminum
NUMBER OF PIXELS (H×V)	1280×720 (720p)	COLOR	RAL 9003 (White)
ELECTRONIC SHUTTER SPEED	1/60 – 1/100 000 s	ENVIRONMENTAL	
MINIMUM ILLUMINATION	0.05 lux @ F1.6 (color) 0 lux (B/W with IR LEDs on)	TEMPERATURE	–22°F to 140°F (–30°C to 60°C)
S/N RATIO	50 dB or more	RELATIVE HUMIDITY	0–95%, non-condensing
RESOLUTION	30 fps @ 720p	INGRESS PROTECTION	HD30HD1: IP66
VIDEO OUTPUT	1-channel BNC HQA high definition output	REGULATORY	
IR DISTANCE	HD29HD1: Up to 65 ft (20 m), depending on scene reflectance HD30HD1: Up to 100 ft (30 m), depending on scene reflectance	EMISSIONS	FCC Part 15, CE (EN 55032)
DAY/NIGHT	Auto (ICR)/Color/BW	IMMUNITY	CE (EN 50130-4)
NOISE REDUCTION	2D	MOUNTS	
LENS	3.6 mm, Fixed, F1.6	JUNCTION BOX	HD29HD1: HBS2-BB HD30HD1: HQA-BB1
HORIZONTAL ANGLE OF VIEW	88°	WALL MOUNT	HD29HD1: HQA-WK HD30HD1: HQA-WK2
MOUNT TYPE	M12	POLE MOUNT	HQA-PM, HQA-PM2
ELECTRICAL		CORNER MOUNT	HB34S2-CM
POWER SUPPLY	12 VDC ±25%		
POWER CONSUMPTION	HD29HD1: 2.2 W max. HD30HD1: 2.5 W max.		

DIMENSIONS

HD29HD1



HD30HD1



ORDERING

HD29HD1	TDN IR Ball Camera, 1/2.9" CMOS, 720p, 3.6 mm Fixed, 12 IR LEDs, 12 VDC
HD30HD1	TDN IR Ball Camera, 1/2.9" CMOS, 720p, 3.6 mm Fixed, 12 IR LEDs, 12 VDC

For more information

www.honeywell.com/security

Honeywell Security and Fire

2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.323.4576
www.honeywell.com

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

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