

## 1080p TDN IR Ball Camera

HD30HD2/HD31HD2

Supercharge your analog security system with Honeywell's HQA technology for high definition 1080p 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

- Full HD 1080p 25/30 fps image with a 1/2.7" 2.1 megapixel sensor
- Long distance transmission over coaxial cable with low attenuation and latency—up to 984 ft (300 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 3D noise reduction
- True Wide Dynamic Range (120 dB)

### Flexible Surveillance Solution

- 3.6 mm fixed lens (HD30HD2) or 2.7–12 mm motorized focus/zoom lens (HD31HD2)
- IR LEDs provide up to 100 ft (30 m) or 200 ft (60 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
- -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 surveillance applications, providing excellent picture quality at an affordable price.



HD30HD2



HD31HD2

## FEATURES AND BENEFITS

- |                                      |   |   |   |
|--------------------------------------|---|---|---|
| • 1/2.7" 2.1 MP imager               | • True WDR (120 dB)   | • Up to 100 ft (30 m) or 200 ft (60 m) of IR illumination, depending on scene reflectance | • Transmission distances up to 984 ft (300 m) |
| • 3.6 mm fixed or 2.7–12 mm MFZ lens | • Low-light performance down to 0.03 lux (color) or 0 lux with IR LEDs on | • HQA/CVBS video output   | • 12 VDC power input                          |
| • True day/night (IR-cut filter)     |   |   | • IP66-rated housing                          |

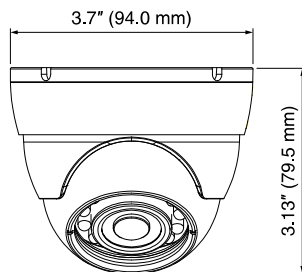
# 1080p TDN IR Ball Camera

## SPECIFICATIONS

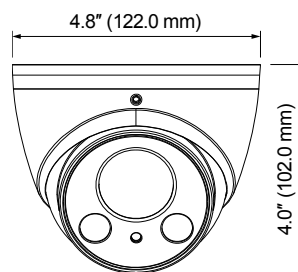
OPERATIONAL		ELECTRICAL	
IMAGE SENSOR	1/2.7" 2.1 MP CMOS	POWER SUPPLY	12 VDC $\pm$ 20%
NUMBER OF PIXELS (H×V)	1928×1088	POWER CONSUMPTION	HD30HD2: 4 W max. HD31HD2: 10 W max.
ELECTRONIC SHUTTER SPEED	1/3–300 000 s	MECHANICAL	
MINIMUM ILLUMINATION	HD30HD2: 0.03 lux @ F2.0, 0 lux (IR LEDs on) HD31HD2: 0.03 lux @ F1.4, 0 lux (IR LEDs on)	DIMENSIONS	HD30HD2: 3.7 × 3.13 in. (94.0 × 79.5 mm) HD31HD2: 4.8 × 4.0 in. (122.0 × 102.0 mm)
S/N RATIO	50 dB or more	WEIGHT	HD30HD2: 0.73 lb (0.33 kg) HD31HD2: 1.21 lb (0.55 kg)
RESOLUTION	25/30/50/60 fps @ 720p; 25/30 fps @ 1080p	CONSTRUCTION	Die-cast aluminum housing
VIDEO OUTPUT	1-channel HQA BNC cable; 1-channel CVBS BNC cable	COLOR	HD30HD2: RAL 9003 (White) HD31HD2: RAL 7022 (Gray)
IR DISTANCE	HD30HD2: Up to 100 ft (30 m) HD31HD2: Up to 200 ft (60 m)	ENVIRONMENTAL	
DAY/NIGHT	Auto (ICR)/Color/BW	TEMPERATURE	–22°F to 140°F (–30°C to 60°C)
BLC	120 dB True WDR	RELATIVE HUMIDITY	0–95%, non-condensing
NOISE REDUCTION	2D/3D	INGRESS PROTECTION	IP66
LENS	HD30HD2: 3.6 mm, Fixed, F2.0 HD31HD2: 2.7–12 mm MFZ, F1.4	REGULATORY	
HORIZONTAL ANGLE OF VIEW	HD30HD2: 90° HD31HD2: 99°–37°	EMISSIONS	FCC Part 15, CE (EN 55032)
MOUNT TYPE	HD30HD2: M12 HD31HD2: $\Phi$ 14	IMMUNITY	CE (EN 50130-4)
		MOUNTS	
		JUNCTION BOX	HD30HD2: HQA-BB1 HD31HD2: HQA-BB2, HEJB, HBS2-BB
		WALL MOUNT	HD30HD2: HQA-WK2 HD31HD2: HQA-WK
		POLE MOUNT	HQA-PM, HQA-PM2
		CORNER MOUNT	HB34S2-CM

## DIMENSIONS

HD30HD2



HD31HD2



## ORDERING

HD30HD2	TDN IR Ball Camera, 1/2.7" CMOS, 1080p, 3.6 mm Fixed, 12 IR LEDs, 12 VDC
HD31HD2	TDN IR Ball Camera, 1/2.7" CMOS, 1080p, 2.7–12 mm MFZ, 2 High Power IR LEDs, 12 VDC

### For more information

[www.honeywell.com/security](http://www.honeywell.com/security)

### Honeywell Security and Fire

2700 Blankenbaker Pkwy, Suite 150  
Louisville, KY 40299  
1.800.323.4576  
[www.honeywell.com](http://www.honeywell.com)

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

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