



# HDED2812IR Series

Full HD Eyeball Dome Camera



HDED2812IR

HDED2812IRW

## Key Features

- 1/3" Panasonic 2.1MP CMOS
- 2.8 - 12mm 3MP DC Lens
- Full HD Resolution
- 1080p (1920 x 1080p @30fps)
- 720p (1280 x 720 @60fps)
- IR LEDs (36 LEDs)
- Digital Noise Reduction
- Wide Dynamic Range (WDR)
- DC12V

## Accessories

- HEDSB - Stand Off Base for HDED2812IR, Gunmetal Grey
- HEDSBW - Stand Off Base for HDED2812IRW, White
- PSU1SM - Switched Mode Power Supply Unit, DC12V 1A

**DATASHEET**

www.geniecctv.com  
sales@geniecctv.com  
T: +44 (0) 1707 330 541  
F: +44 (0) 1707 330 543

Genie CCTV Ltd.  
CCTV House, City Park,  
Watchmead,  
Welwyn Garden City,  
Hertfordshire,  
AL7 1LT,  
United Kingdom

## Technical Specification

Model Number	HDED2812IR	HDED2812IRW
Image Sensor	1/3" Panasonic 2.1MP CMOS	
Lens	2.8 - 12mm 3MP DC Lens	
Minimum Illumination	Colour: 1.0 Lux, B&W: 0.5 Lux, Colour DSS: 0.002 Lux, B&W DSS: 0.001 Lux	
S/N Ratio	More Than 50dB (AGC Off)	
Shutter Speed	1/25 ~ 1/60000 Sec	
Video Format	PAL	
Sensitivity	0 ~ 20 Steps	
Sharpness	0 ~ 10 Steps	
White Balance	AUTO / MANUAL / PRESET / AUTOext	
ALC	OUTDOOR / INDOOR / DEBLUR	
DNR	MIDDLE / LOW / OFF / HIGH	
Defog	OFF / ON	
Delay	LOW / MIDDLE / HIGH	
Sync. System	Internal / External (V-Lock)	
Resolution	1080p / 720p	
Exposure	AUTO / MANUAL	
Digital Slow Shutter	OFF / MAX. x2 ~ x8	
Lens Control	ALC / ELC	
Privacy	Day & Night	
Shutter	AUTO / MANUAL	
Sens-Up	OFF / x2 ~ x8	
Flip	ON / OFF	
Mirror	ON / OFF	
Gamma	0.55 / 0.6 / 0.65 / 0.45 / 0.5	
Image Range	FULL / COMP / USER	
DIS	OFF / ON	
System	COM / IMAGE RANGE / OUTPUT MODE / FRAME RATE / CVBS / LANGUAGE / RESET	
Setup Status	Setup Status List	
IR-Cut Filter	Available	
IR Range	25 - 35m (In Ideal Conditions)	
LED Quantity	36 Pcs	
Phase	0 ~ 156 Steps	
Defect Detection	One Push	
Baudrate	115200 / 9600 / 4800 / 2400	
Display Settings	ID / Title / Zoom Ratio	
OSD Text	0 ~ 9, A ~ Z, a ~ z	
Language	ENG / CHN / ITA / GER / FRA / SPA / HOL / JPN	
Power	DC12V	
Power Consumption	MAX: 240mA	
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 0 ~ 86 % (Non-Condensing)	
Storage Temperature	-20°C ~ +60°C	
Dimensions	120 x 120 x 96mm	
Weight	800g	