

# HDCD4K-28A

8.0 Megapixel / 4K Armor Ball with Built-In Audio



## Features

- Starlight, 120dB True WDR, 3DNR
- Max. 4K resolution
- HD/SD switchable
- Audio in interface, built-in mic
- 2.8mm fixed lens
- Max. IR length 164ft, Smart IR
- IP67, DC12V±30%



## Specifications

CAMERA		VIDEO & AUDIO	
Image Sensor	1/2" CMOS	Resolution	8MP (3840 x 2160)
Effective Pixels	3840 x 2160 (3MP)	Frame Rate	15fps @ 4K, 20fps @ 6MP, 30fps @ 4MP
Scanning System	Progressive	Video Output	1-channel BNC / CVBS <i>Use DIP Switch to change</i>
Electronic Shutter Speed	1/3s ~ 1/100,000s	Day / Night	Auto (ICR) / Manual
Minimum Illumination	0.005 Lux @ F1.6, 30IRE, 0 Lux (IR On)	OSD Menu	Multi-Language
S/N Ratio	> 65dB	BLC Mode	BLC / HLC / WDR
IR Distance	Up to 164ft	WDR	120dB
IR On / Off Control	Auto / Manual	Gain Control	AGC
IR LEDs	2	Noise Reduction	2D / 3D
LENS		White Balance	Auto / Manual
Lens Type	Fixed Lens / Iris Lens	Smart IR	Auto / Manual
Mount Type	Board In	Audio Interface	1ch In & Built-in Mic
Focal Length	2.8mm	TECH	
Max Aperture	F1.6	Power Supply	12V DC ±30%
Angle of View	110.8°	Power Consumption	Max 8W (12V DC, IR on)
Focus Control	Auto / Manual	Operating Conditions	-22°F ~ 140°F (-30°C ~ 60°C), less than 80% RH (no condensation)
Close Focus Distance	1800mm / 70.87"	Storage Conditions	-22°F ~ +140°F / Less than 90% RH
DORI		Ingress Protection	IP67
Detect	276ft	Bracket Included	No
Observe	112ft	Housing	Aluminum
Recognize	56ft	Dimensions	4.17" x 3.9"
Identify	26ft	Weight	1.37lbs
PAN / TILT / ROTATION			
Pan / Tilt / Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 70° Rotate: 0° ~ 360°		