

# ULTRA-Z AHD

Z-20AHD-2(IR)  
Z-20AHD-1(IR)



## Main Features:

- Preset speed of 240°/Sec (max)
- Preset accuracy up to 0.1°
- Endless Pan Rotation 360° & continuously Tilt with Auto flip 180°
- Preset position, cruise, pattern and auto scan
- Alarm (I/O): 1 Input /1 Output
- Full function OSD Menu
- IP66 protection.
- x20 Optical zoom
- HD Resolution
- Analog output
- 100m Intelligent IR LED Array
- True Day/Night with ICR filter
- Noise reduction (3D-DNR)
- WB/AGC/BLC
- CoC Support

## Camera Specification

Model		Ultra-Z	
		Z-20AHD-2 (IR)	Z-20AHD-1(IR)
CCD	1/3" CMOS		
Resolution	AHD	2MP (1920x1080)	1MP (1280x720)
	Analog	750TVL	700TVL
Optical Zoom	x20 (4.3-87mm)		
Digital Zoom	Yes		
Minimum Focus Distance	1.5M		
Horizontal Angle of View	H: 58.3° (Wide) to 3.2° (Tele) V: 45.4° (Wide) to 2.4° (Tele)		
Sync System	Internal		
Min. Illumination	0.01lux (0 Lux with IR On)		
Day & Night	Auto/Day/Night (ICR)		
S/N Ratio	>50dB		
Focus	Auto/Manual		
Auto Gain	Auto/Manual		
Wide-D	No		
White Balance	ATW/Manual/Outdoor/Indoor		
BLC	On/Off		
Shutter Speed	1/50~1/10000		
Sense Up	No		
Noise Reduction	3D-DNR		
Stabilizer	No		
Flip	On/Off		
Picture Freeze	No		
Iris	Auto		
Flickerness	No		

## Pan/Tilt Specification

Pan tilt Range	360° (Endless)/ 180° (Auto Flip)
Pan tilt Speed	Max Preset Speed: 240°/Sec Manual: 0.08°~180°/Sec (Proportional to Zoom)
Preset	220
Pattern	Up to 4
Auto Scan	Up to 4
Group	Up to 4
Schedule	No
Privacy Zone Masking	No
Park Function	Yes

## Communication Specification

Data Type	CoC* (Control over Coax) RS-485
Protocols	Pelco-D or Pelco-P
Baud Rates	2400, 4800, 9600
Camera ID	1 - 255
Alarm I/O	1 Input , 1 Output
On Screen Display	OSD menu, Camera position, Dome ID, Alarm status, Preset / Pattern tour status

## Mechanical

IR Distance	100m Intelligent IR LED
Fan / Heater	Yes / No
Sunshield	Yes
Humidity range	<90%
Power Supply	12VDC/5A
Operation temperature	-20°C~+50°C
Dimensions	28.0*28.0*50.4cm
Ingress Protection	IP66
Weight	6.386KG

\*CoC must be supported on the controlling unit as well