

Model Number	RS-CH828N8D18-AP	RS-CH821N8D25-AP
Image Sensor	1/2.7", 2MP	
Effective Pixels	2MP 1920(H)x1080(V)	
Focal Length	Max. F1.6, 5.0 ~ 90mm, 18 × Optical	Max. F1.5, 5.0mm -125mm, 25 × Optical
Angle of View	Horizontal: 53.3° to 3.8°, Vertical: 30.7° to 2.2°, Diagonal: 60.4° to 4.4°	Horizontal: 56.9° to 2.9°, Vertical: 32.2° to 1.6°, Diagonal: 65.2° to 3.3°
Min. Illumination	Color: 0.002 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
White Balance	Auto/Manual	
Wide Dynamic Range	WDR	
Shutter Time	1/5 - 1/20000	
Day& Night	Auto Switch	
Compression	H.264/H.265	
Video Output	1 Output: CVBS(BNC Type)	
Audio Input/Output	1 Line-In/1 Line-Out	
Input/Output	1 Input/1 Output	
Ethernet	10/100Mbps ethernet interface	
RS485 interface	N/A	
Storage	Micro SD slot, up to 256Gb	
IR Leds	6PCS	
IR Distance	Max. 100 Meters	
Pan Range	0°~ 360°, endless	
Pan Speed	Configurable, from 0.6°~80°/s	
Tilt Range	-10°~ 95°	
Tilt Speed	Configurable, from 0.6°~80°/s	
Preset	255	
Preset Speed	Max.120°/sec	
Tour	Support	
Patrol Scan	1 Scan	
Pattern Scan	4 pattern	
Protection	IP67	
Working Temperature/Humidity	-20°C~ +60°C, < 90%(outdoor)	
Power Supply	DC 12V/PoE+	