

KEY FEATURES

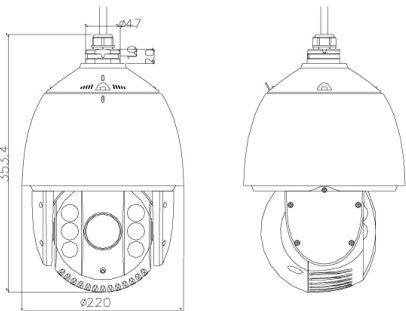
- 1/2.8” Progressive Scan CMOS
- 1080P Full HD resolution
- 20X Optical Zoom
- 100m IR distance
- True Day/Night, 3D DNR, Digital WDR
- 3D intelligent positioning



SPECIFICATION	SICH-2020R
Camera	
Image Sensor	1/2.8” Progressive Scan CMOS
Effective Pixel	2230K pixels
Min. illumination	Color: 0.05 Lux@F1.6; B/W: 0.01 Lux@F1.6; 0 Lux with IR
White Balance	Auto / Manual / ATW / Indoor / Outdoor / Daylight lamp / Sodium lamp
AGC	Auto / Manual
S / N Ratio	≥ 50dB
Digital Noise Reduction	Support
BLC	On / Off
WDR	Support
Shutter Speed	1 ~1/10,000s
Day & Night	IR Cut Filter
Focus Model	Auto / Semiautomatic / Manual
Lens	
Focal Length	4.7 ~ 94.0mm, 20x
Zoom Speed	Approx 3s (Optical Wide-Tele)
Angle of View	58.3 ~ 3.2 degree (Wide-Tele)
Min. Working Distance	10 ~1000mm (Wide-Tele)
Aperture Range	F1.6 ~ F3.5
Pan and Tilt	
Pan / Tilt Range	360° endless; -15°-90° (Auto Flip)
Pan / Tilt Speed	Pan Manual Speed: 0.1° ~160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1° ~120°/s, Tilt Preset Speed: 200°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of Preset	256
Patrol	8 patrols, up to 32 presets per patrol
Park Action	Pattern / Pan scan / Tilt scan / Frame scan / Panorama scan / Random scan
Power-off Memory	Support
PTZ Position Display	On / Off
Preset Freezing	Support
Infrared	
IR Distance	100m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Input/ Output	
Audio Input	Optional audio input (LINE input), 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio Output	Line level, impedance: 600Ω
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. Image Resolution	1920×1080
Frame Rate	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720) 60Hz: 30 fps (1920×1080), 30 fps (1280×960) , 30 fps (1280×720)
Image Compression	H.264/ MPEG4
Audio Compression	G.711ulaw/G.711alaw/G.726
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 6
Dual streams	Support
Mini SD Memory Card	Micro SD Slot, up to 32GB
User/Host Level	Up to 32 users,3 Levels: Administrator, Camera control, Live view only
Security Measures	User authentication (ID and PW), Host authentication (MAC address)
System Integration	
Interface for application programming	Open-ended API, support Onvif, PSIA and CGI
Web Browser	IE 7, IE 8, IE 9, Chrome 8 +, Firefox 3.5 +, Safari 5 +
Power	24 VAC; Max. 30W(IR LED On); Max. 21W(IR LED Off)
Working Temperature / Humidity	-30 °C-65°C(-22°F-149 °F)(outdoor) / 90% or less
Protection Level	IP66 standard (outdoor dome); TVS 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	Φ220×353.4mm (Φ8.66”×13.91”)(Outdoor)
Weight (approx.)	5.5kg(12.13lbs)



DIMENSIONS (mm)



Unit: mm

ACCESSORIES



Long-arm
Wall Mount Bracket