

Speed Dome Series



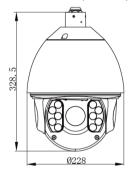
1.3MP HD 20x IR Network Speed Dome



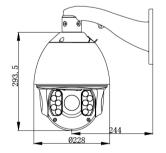
Key Features

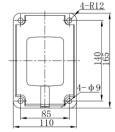
- 960P HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 20X Optical zoom; Dual stream and HD capture
- IR night vision distance 120m
- 360° continuously rotation, manual pan speed at 0.1°/s ~260°/s adjusting, Tilt range -10°~90°, manual tilt speed at 90°/s, Pan preset speed max at 350°/s, tilt preset speed at 120°/s
- 4 alarm input, 2 alarm output
- Built-in wiper solve the disadvantage side of cleaning camera lens
- Telephoto limit speed function, recognizing many kinds of cameras
- 8 cruising tracks, 8 scanning commands, 4 patterns function
- Walling bracket or ceiling bracket for option

Dimensions (unit: mm)

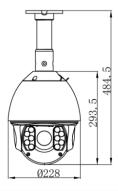


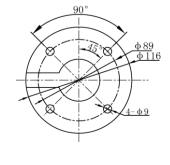
Wall Dimension (Unit :mm)





In-ceiling Dimension (Unit:mm)





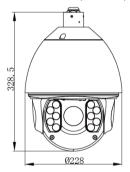
- Integrated 16 bit processors, with low power consumption
- Infrared light constant multiple sets of switch mode, Infrared night vision up to 120 meters
- 256 preset positions, data memorize after power off, with 4 alarm input and 2 alarm output
- Built-in wiper for clear view in harsh weather condition

	Camera	20x, 1.3 Mega pixel camera module
	Model	BL810R
	Image Sensor	1/2.8" Progressive Scan CMOS
	Resolutions	50HZ:25fps(1920x960) 60HZ:30fps(1920x960)
		50HZ:50fps(1920x960) 60HZ:60fps(1920x960)
		50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
		50HZ:50fps(1280x720) 60HZ:60fps(1280x720)
ġ	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)
<u>je</u>		B&W: 0.01Lux @ (F1.6, AGC ON)
an	S/N Ratio	>52dB
O	Backlight Compensation	ON/OFF
HD Camera	Iris, Focus	Auto/Manual
_	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
	Day & Night Mode	IR Cut Filter
	Electronic Shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range	Support
	Digital Noise Reduction	3D DNR
	Defog	Support
	IR Distance	80m (effective) up to 120m
		4.7-94mm
	Focal Length	-
US	Zoom	20X Optical zoom
Lens	Aperture Range	F1.6-F3.5
	Angle of View	58.3-3.2degree (Wide-Tele)
	Min. Working Distance	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP,
		PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x,
	00.0	QoS, HTTPS, IPv6 (SIP, SRTP, for optional)
V	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
Netwrk	Smart Alarm	Remote detection, Screen-covered alarm, Memory
eţ	\" IF D	storage full, Memory storage wrong
Z	Video IE Browse	10 Users online simultaneous live view
	Stream	Dual streams
	User Rights	32 Users (Max.), 3 Levels: Administrator, Operator,
	0 " 14 1	Normal user* (browse only)
	Security Mode	User Authorization (ID/PW), MAC address binding;
		HTTPS encryption; IEEE 802.1x network access
	DOLE	control, IP address filtering
	ROI Encoding	Support 24 areas, grade adjustable
	ONVIF	Support
	Pan / Tilt Range	Pan: 360° endless, Tilt: -10°~ 90°
ne	Pan / Tilt Preset Speed	Pan: 350°/s, Tilt: 120°/s
Dom	Pan / Tilt Control Speed	Pan: 0.1°-260°/s, Tilt: 0°-90°/s
	Preset Positions	256
	Patrol	8 patrols, up to 32 presets per patrol
General	RS-485 Protocols	Pelco-D, Pelco-P, Self-adaptive
	Alarm	4 input / 2 output
	Power Supply	AC24V
	Ingress Protection	IP66 (Outdoor)
		TVS 4000V lightning, surge protection
Ö	Working Temperature	-30°C-+55°C / -22°F~+131°F
	Humidity	90% or less
	Dimensions	Ф228x293.5mm / Ф8.97"x11.55"
	Weight	5KG / 11.02LBS

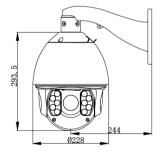


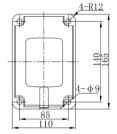
- 1080P Full HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 20X Optical zoom; Dual stream and HD capture
- IR night vision distance 120m
- 360° continuously rotation, manual pan speed at 0.1°/s ~260°/s adjusting, Tilt range -10°~90°, manual tilt speed at 90°/s, Pan preset speed max at 350°/s, tilt preset speed at 120°/s
- 4 alarm input, 2 alarm output
- Built-in wiper solve the disadvantage side of cleaning camera lens
- Telephoto limit speed function, recognizing many kinds of cameras
- 8 cruising tracks, 8 scanning commands, 4 patterns function
- Walling bracket or ceiling bracket for option

Dimensions (unit: mm)

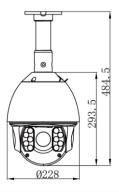


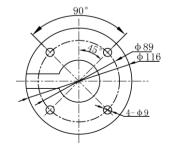
Wall Dimension (Unit :mm)





In-ceiling Dimension (Unit:mm)





- Integrated 16 bit processors, with low power consumption
- Infrared light constant multiple sets of switch mode, Infrared night vision up to 120 meters
- 256 preset positions, data memorize after power off, with 4 alarm input and 2 alarm output
- Built-in wiper for clear view in harsh weather condition

	Camera	20x, 2.0 Mega pixel camera module
HD Camera	Model	BL820R
	Image Sensor	1/2.8" Progressive Scan CMOS
	Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
		50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)
		B&W: 0.01Lux @ (F1.6, AGC ON)
	S/N Ratio	>52dB
	Backlight Compensation	ON/OFF
۵	Iris, Focus	Auto/Manual
I	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
	Day & Night Mode	IR Cut Filter
	Electronic Shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range	Support
	Digital Noise Reduction	3D DNR
	Defog	Support
	IR Distance	80m (effective) up to 120m
	Focal Length	4.7-94mm
Lens	Zoom	20X Optical zoom F1.6-F4.4
Le	Aperture Range Angle of View	65.1-2.34degree (Wide-Tele)
	Min. Working Distance	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP,
		PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x,
		QoS, HTTPS, IPv6 (SIP, SRTP, for optional)
	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
Ý	Smart Alarm	Remote detection, Screen-covered alarm, Memory
Netwrk		storage full, Memory storage wrong
Z	Video IE Browse	10 Users online simultaneous live view
	Stream	Dual streams
	User Rights	32 Users (Max.), 3 Levels: Administrator, Operator,
	O	Normal user* (browse only)
	Security Mode	User Authorization (ID/PW), MAC address binding;
		HTTPS encryption; IEEE 802.1x network access control, IP address filtering
	ROI Encoding	Support 24 areas, grade adjustable
	ONVIF	Support 24 areas, grade adjustable
	Pan / Tilt Range	Pan: 360° endless, Tilt: -10°~ 90°
Φ	Pan / Tilt Preset Speed	Pan: 350°/s, Tilt: 120°/s
Dome	Pan / Tilt Control Speed	Pan: 0.1°-260°/s, Tilt: 0°-90°/s
۵	Preset Positions	256
	Patrol	8 patrols, up to 32 presets per patrol
General	RS-485 Protocols	Pelco-D, Pelco-P, Self-adaptive
	Alarm	4 input / 2 output
	Power Supply	AC24V
	Ingress Protection	IP66 (Outdoor)
		TVS 4000V lightning, surge protection
	Working Temperature	-30°C-+55°C / -22°F~+131°F
	Humidity	90% or less
	Dimensions	Ф228x293.5mm / Ф8.97"x11.55"
	Weight	5KG / 11.02LBS

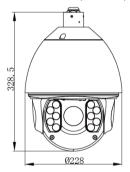
www.vipro.com.tw

2.0MP HD 30x IR Network Speed Dome

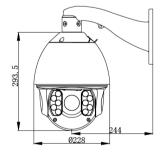


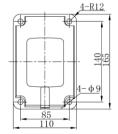
Key Features

- 1080P Full HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 30X Optical zoom; Dual stream and HD capture
- IR night vision distance 120m
- 360° continuously rotation, manual pan speed at 0.1°/s ~260°/s adjusting, Tilt range -10°~90°, manual tilt speed at 90°/s, Pan preset speed max at 350°/s, tilt preset speed at 120°/s
- 4 alarm input, 2 alarm output
- Built-in wiper solve the disadvantage side of cleaning camera lens
- Telephoto limit speed function, recognizing many kinds of cameras
- 8 cruising tracks, 8 scanning commands, 4 patterns function
- Wall mount bracket or ceiling mount bracket for option Dimensions (unit: mm)

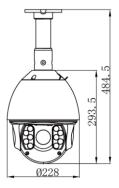


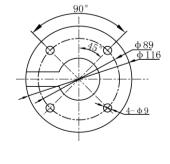
Wall Dimension (Unit :mm)





In-ceiling Dimension (Unit:mm)





- Integrated 16 bit processors, with low power consumption
- Infrared light constant multiple sets of switch mode, Infrared night vision up to 120 meters
- 256 preset positions, data memorize after power off, with 4 alarm input and 2 alarm output
- Built-in wiper for clear view in harsh weather condition

	Comoro	20x 2.0 Maga nivel comera modula
æ	Camera	30x, 2.0 Mega pixel camera module
	Model	BL830R 1/2.8" Progressive Scan CMOS
	Image Sensor Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
	Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)
	wiiii. iiiumination	B&W: 0.01Lux @ (F1.6, AGC ON)
ē	S/N Ratio	>52dB
HD Camera	Backlight Compensation	ON/OFF
Ö	Iris, Focus	Auto/Manual
무	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
	Day & Night Mode	IR Cut Filter
	Electronic Shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range	Support
	Digital Noise Reduction	3D DNR
	Defog	Support
	IR Distance	80m (effective) up to 120m
	Focal Length	4.5-135mm
"	Zoom	30X Optical zoom
Lens	Aperture Range	F1.6-F4.4
تّ	Angle of View	65.1-2.34degree (Wide-Tele)
	Min. Working Distance	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP,
		PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x,
		QoS, HTTPS, IPv6 (SIP, SRTP, for optional)
	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
Netwrk	Smart Alarm	Remote detection, Screen-covered alarm, Memory
et		storage full, Memory storage wrong
Z	Video IE Browse	10 Users online simultaneous live view
	Stream	Dual streams
	User Rights	32 Users (Max.), 3 Levels: Administrator, Operator,
	Security Mode	Normal user* (browse only) User Authorization (ID/PW), MAC address binding;
	Security Mode	HTTPS encryption; IEEE 802.1x network access
		control, IP address filtering
	ROI Encoding	Support 24 areas, grade adjustable
	ONVIF	Support
	Pan / Tilt Range	Pan: 360° endless, Tilt: -10°~ 90°
Φ	Pan / Tilt Preset Speed	Pan: 350°/s, Tilt: 120°/s
Dome	Pan / Tilt Control Speed	Pan: 0.1°-260°/s, Tilt: 0°-90°/s
ŏ	Preset Positions	256
	Patrol	8 patrols, up to 32 presets per patrol
	RS-485 Protocols	Pelco-D, Pelco-P, Self-adaptive
	Alarm	4 input / 2 output
	Power Supply	AC24V
ľa	Ingress Protection	IP66 (Outdoor)
ne		TVS 4000V lightning, surge protection
General	Working Temperature	-30°C-+55°C / -22°F~+131°F
	Humidity	90% or less
	Dimensions	Ф228x293.5mm / Ф8.97"x11.55"
	Weight	5KG / 11.02LBS



- 960P HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 20X Optical zoom; Dual stream and HD capture
- IR night vision distance at 80m
- Support variety of HD Platform connection
- IP66 Weather-proof design for car surveillance with special shock absorber CZ52
- With XD52 powerful magnet for portable outdoor vehicle monitoring
- Integrated with different kinds of HD camera module and HD sensor, achieving HD image capturing.
- Automatic 180° flip and panoramic monitoring without blind point, the location precision up to ±0.1°
- Running stably at low speed with super low noise
- Adopt the latest H.264 video compression algorithm and DSP processing chip and platform, high compression ratio, with high quality image, and built in with digital decoder
- Apply full digital control, flexible programming, drive line compact and simple design, could take rapid positioning and continuous tracking scan

Accessories

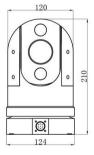


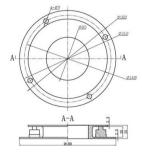


CZ52 Shock Absorber

XD52 Magnet Base (optional)

Dimensions (unit: mm)

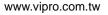




- Integrated 16 bit processors, with low power consumption
- Built-in high-intensity OSRAM chips, achieving the long-range distance surveillance
- Precision 0.9° motor-driven, more stable and smooth low-speed control without jitter
- Using industrial-grade components, suitable for bad weather environment
- Suitable for Vehicle Surveillance installation

	Camera	20x, 1.3 Mega pixel camera module
HD Camera	Model	HL810C
	Image Sensor	1/2.8" Progressive Scan CMOS
	Resolutions	50HZ:25fps(1920x960) 60HZ:30fps(1920x960) 50HZ:50fps(1920x960) 60HZ:60fps(1920x960) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720) 50HZ:50fps(1280x720) 60HZ:60fps(1280x720)
	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON) B&W: 0.01Lux @ (F1.6, AGC ON)
	S/N Ratio	>52dB
	Backlight Compensation	ON/OFF
	Iris, Focus	Auto/ Manual
_	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
	Day & Night Mode	IR Cut Filter
	Electronic Shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range Digital Noise Reduction	Support 3D DNR
	Defog	Support
	IR Distance	80m (2 groups Infrared light) / 200 m (1 group
		infrared lamp with 1W linkage laser light)
	Focal Length	4.7-94mm
Lens	Zoom Aperture Range	20X Optical zoom F1.6-F3.5
Le	Angle of View	58.3-3.2degree (Wide-Tele)
	Min. Working Distance	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6 (SIP, SRTP, optional)
	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
Network	Smart Alarm	Remote detection, Screen-covered alarm, Memory storage full, Memory storage wrong
let	Video IE Browse	10 Users online simultaneous live view
_	Stream	Dual streams
	User Rrights	32 Users (Max.), 3 Levels: Administrator, Operator, Normal user* (browse only)
	Security Mode	User Authorization (ID/PW), MAC address binding; HTTPS encryption; IEEE 802.1x network access control, IP address filtering
	ROI Encoding ONVIF	Support 24 areas, grade adjustable Support
	Pan / Tilt Range	Pan: 360° endless, Tilt: 0°~ 90° (Auto Flip)
	Pan / Tilt Preset Speed	Pan: 300°/s, Tilt: 120°/s
PTZ	Pan / Tilt Control Speed	Pan: 0.1°-220°/s, Tilt: 0.1°-90°/s
Ф.	Preset Positions	256
	Patrol	8 patrols, up to 32 presets per patrol
General	RS-485 Protocols	Pelco-D, Pelco-P, Self-adaptive
	Alarm	1 input / 1 output
	Power Supply	DC12V/2.5A
	Ingress Protection	IP66 (Outdoor) TVS 4000V lightning, surge protection
ပိ	Working Temperature	-45°C-+60°C / -45°F~+140°F
	Humidity Dimensions	90% or less Φ124x210mm / Φ4.88"x8.06"
	Weight	2.5KG / 5.51LBS
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2.0MP HD 20x IR Network High Speed Dome





Key Features

- 1080P Full HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 20X Optical zoom; Dual stream and HD capture
- IR night vision distance at 80m
- Support variety of HD Platform connection
- IP66 Weather-proof design for car surveillance with special shock absorber CZ52
- With XD52 powerful magnet for portable outdoor vehicle monitoring
- Integrated with different kinds of HD camera module and HD sensor, achieving HD image capturing.
- Automatic 180° flip and panoramic monitoring without blind point, the location precision up to ±0.1°
- Running stably at low speed with super low noise
- Adopt the latest H.264 video compression algorithm and DSP processing chip and platform, high compression ratio, with high quality image, and built in with digital decoder
- Apply full digital control, flexible programming, drive line compact and simple design, could take rapid positioning and continuous tracking scan

Accessories

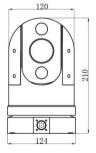


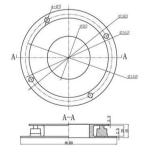


CZ52 Shock Absorber

XD52 Magnet Base (optional)

Dimensions (unit: mm)





- Integrated 16 bit processors, with low power consumption
- Built-in high-intensity OSRAM chips, achieving the long-range distance surveillance
- Precision 0.9° motor-driven, more stable and smooth low-speed control without jitter
- Using industrial-grade components, suitable for bad weather environment
- Suitable for Vehicle Surveillance installation

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	Camera	20x, 2.0 Mega pixel camera module	
	Model	HL820C	
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)	
	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)	
		B&W: 0.01Lux @ (F1.6, AGC ON)	
ers	S/N Ratio	>52dB	
HD Camera	Backlight Compensation	ON/OFF	
ပၱ	Iris, Focus	Auto/ Manual	
ቧ	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor	
_	Day & Night Mode	IR Cut Filter	
	Electronic Shutter	1/1s ~ 1/30,000s	
	Wide Dynamic Range	Support	
	Digital Noise Reduction	3D DNR	
	Defog	Support	
	IR Distance	80m (2 groups Infrared light) / 200 m (1 group infrared lamp with 1W linkage laser light)	
	Focal Length	4.7-94mm	
S	Zoom	20X Optical zoom	
Lens	Aperture Range	F1.6-F4.4	
	Angle of View	65.1-2.34degree (Wide-Tele)	
	Min. Working Distance	10mm-1500mm (Wide-Tele)	
	Video Compression	H.264/MJPEG	
	Audio Compression	G.711u/G.711a/G.726	
	Compression Output Rate	32 Kbps~16Mbps	
	Ethernet	10Base-T / 100Base-TX, RJ45 connector	
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6 (SIP, SRTP, optional)	
	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)	
Network	Smart Alarm	Remote detection, Screen-covered alarm, Memory	
žť		storage full, Memory storage wrong	
ž	Video IE Browse	10 Users online simultaneous live view	
	Stream	Dual streams	
	User Rrights	32 Users (Max.), 3 Levels: Administrator, Operator, Normal user* (browse only)	
	Security Mode	User Authorization (ID/PW), MAC address binding; HTTPS encryption; IEEE 802.1x network access	
		control, IP address filtering	
	ROI Encoding	Support 24 areas, grade adjustable	
	ONVIF	Support Till co. 200 (A t. 511)	
	Pan / Tilt Range	Pan: 360° endless, Tilt: 0°~ 90° (Auto Flip)	
Ņ	Pan / Tilt Preset Speed	Pan: 300°/s, Tilt: 120°/s	
Ы	Pan / Tilt Control Speed	Pan: 0.1°-220°/s, Tilt: 0.1°-90°/s	
	Preset Positions Patrol	256	
		8 patrols, up to 32 presets per patrol	
General	RS-485 Protocols	Pelco-D, Pelco-P, Self-adaptive	
	Alarm	1 input / 1 output DC12V/2.5A	
	Power Supply		
	Ingress Protection	IP66 (Outdoor) TVS 4000V lightning, surge protection	
Ö	Working Temperature	-45°C-+60°C / -45°F~+140°F	
	Humidity	90% or less	
	Dimensions Weight	Ф124x210mm / Ф4.88"x8.06"	
	Weight	2.5KG / 5.51LBS	

2.0MP HD 30x IR Network High Speed Dome



Key Features

- 1080P Full HD Realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 30X Optical zoom; Dual stream and HD capture
- IR night vision distance at 80m
- IP66 Weather-proof design for car surveillance with special shock absorber CZ52
- With XD52 powerful magnet for portable outdoor vehicle monitoring
- Integrated with different kinds of HD camera module and HD sensor, achieving HD image capturing
- Automatic 180° flip and panoramic monitoring without blind point, the location precision up to ±0.1°
- Running stably at low speed with super low noise
- Adopt the latest H.264 video compression algorithm and DSP processing chip and platform, high compression ratio, with high quality image, and built in with digital decoder
- Apply full digital control, flexible programming, drive line compact and simple design, take rapid positioning and continuous tracking scan

Accessories

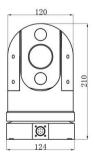


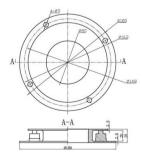


CZ52 Shock Absorber

XD52 Magnet Base (optional)

Dimensions (unit: mm)





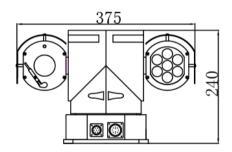
- Integrated 16 bit processors, with low power consumption
- Built-in high-intensity OSRAM chips, achieving the long-range distance surveillance
- Precision 0.9° motor-driven, more stable and smooth low-speed control without jitter
- Using industrial-grade components, suitable for bad weather environment
- Suitable for Vehicle Surveillance installation

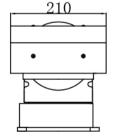
	Camera	30x, 2.0 Mega pixel camera module
	Model	HL830C
	Image Sensor	1/2.8" Progressive Scan CMOS
	Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
		50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)
<u></u>		B&W: 0.01Lux @ (F1.6, AGC ON)
HD Camera	S/N Ratio	>52dB
Ĕ	Backlight Compensation	ON/OFF
Ö	Iris, Focus	Auto/Manual
۵ ا	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
I	Day & Night Mode	IR Cut Filter
	Electronic Shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range	Support
	Digital Noise Reduction	3D DNR
	Defog	Support
	IR Distance	80m (2 groups Infrared light) / 200 m (1 group
	IN Distance	infrared lamp with 1W linkage laser light)
	Focal Length	4.5-135mm
		30X Optical zoom
Lens	Zoom	•
Φ	Aperture Range	F1.6-F4.4
	Angle of View	65.1-2.34degree (Wide-Tele)
	Min. Working Distance	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP,
		PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x,
	00.0	QoS, HTTPS, IPv6 (SIP, SRTP, for optional)
V	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
Netwrk	Smart Alarm	Remote detection, Screen-covered alarm, Memory
et et	\". I	storage full, Memory storage wrong
Z	Video IE Browse	10 Users online simultaneous live view
	Stream	Dual streams
	User Rights	32 Users (Max.), 3 Levels: Administrator, Operator,
	0 : 11 !	Normal user* (browse only)
	Security Mode	User Authorization (ID/PW), MAC address binding;
		HTTPS encryption; IEEE 802.1x network access
	DOI Francisco	control, IP address filtering
	ROI Encoding	Support 24 areas, grade adjustable
	ONVIF	Support
	Pan / Tilt Range	Pan: 360° endless, Tilt: 0°~ 90° (Auto Flip)
N	Pan / Tilt Preset Speed	Pan: 300°/s, Tilt: 120°/s
	Pan / Tilt Control Speed	Pan: 0.1°-220°/s, Tilt: 0.1°-90°/s
	Preset Positions	256
	Patrol	8 patrols, up to 32 presets per patrol
	RS-485 Protocols	Pelco-D, Pelco-P, Self-adaptive
	Alarm	1 input / 1 output
	Power Supply	DC12V/2.5A
<u>a</u>	Ingress Protection	IP66 (Outdoor)
Genera		TVS 4000V lightning, surge protection
တိ	Working Temperature	-45°C-+60°C / -31°F~+140°F
	Humidity	90% or less
	Dimensions	Ф124x210mm / Ф4.88"x8.06"
	Weight	2.5KG / 5.51LBS

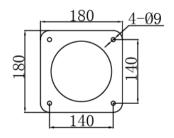


- 1080P Full HD realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 20X Optical zoom
- Dual stream and HD capture
- IR night vision distance 100m
- Suitable for car surveillance: DC11V-DC18V
- IP66 Weatherproof design, high die-cast aluminum casing, temperature: -35 $^{\circ}$ C ~+55 $^{\circ}$ C , with sun-shield housing and wiper
- 360° Continuous rotation, upward angle +90°~ -90°, without blind spot.
- Pan preset speed 100°/S, tilt preset speed 80°/S, with 256 preset positions, 6 cruising tracks.
- Support auto-cruise, horizontal scanning, the camera mode and displays the title.
- PTZ coordinates, the lens magnification display function.
- Car-surveillance shock absorber for option

Dimensions (unit: mm)







HS720 is an integlligent 2.0MP High Speed PTZ network camera integrated high quality HD camera module and HD sensor, achieving HD image capturing. It adopts the latest H.264 video compression algorithm and DSP processing chip and platform, high compression ratio, with high quality image, and built in with digital decoder.

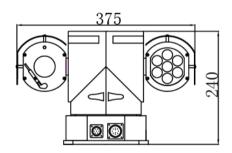
It applies full digital control, flexible programming, drive line compact and simple design, thus could take rapid positioning and continuous tracking scan, really achieving full range monitoring without blind spot.

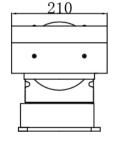
	<u> </u>	
	Camera	20x, 2.0 Mega pixel camera module
	Model	HS720
	Image Sensor	1/2.8" Progressive Scan CMOS
	Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
		50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
Ø	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)
Jer		B&W: 0.01Lux @ (F1.6, AGC ON)
HD Camera	S/N ratio	>52dB
\circ	Backlight Compensation	ON/OFF
呈	Iris, Focus	Auto/Manual
	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
	Day & Night Mode	IR Cut Filter
	Electronic shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range	3D DNR
	Defog	Support
	IR Distance	100m
	Focal length	4.7-94mm
SU	Focal Length	20X Optical zoom
Lens	Zoom	F1.6-F4.4
	Aperture Range	65.1-2.34degree (Wide-Tele)
	Angle of View	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet Network Protocol	10Base-T / 100Base-TX, RJ45 connector TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP,
	Network Protocol	PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x,
		QoS, HTTPS, IPv6 (SIP, SRTP, optional)
	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
Ę	Smart Alarm	Remote detection, Screen-covered alarm, Memory
8	Gillary Halli	storage full, Memory storage wrong
Network	Video IE browse	10 Users online simultaneous live view
_	Stream	Dual streams
	User Rights	32 Users (Max), 3 Levels:Administrator, Operator,
	-	Normal user* (browse only)
	Security Mode	User Authorization (ID/PW), MAC address binding;
		HTTPS encryption; IEEE 802.1x network access
		control, IP address filtering
	ROI Encoding	Support 24 areas, grade adjustable
	ONVIF	Support
	Pan / Tilt Range	Pan: 360° endless, Tilt: 90°~ -90°
	Pan / Tilt Preset Speed	Pan: 100°/s, Tilt: 80°/s
PTZ	Pan / Tilt Control Speed	Pan: 0°-60°/s, Tilt: 0°-40°/s
Ф	Preset Positions	256 presets, 6 cruising tracks
	Communications	RS485, built in 16 different protocols, baud rate
	D	from 2400Bps-19200Bps for option
	Power supply	DC12V (50VA)
ca	Ingress Protection	IP66 (Outdoor) -35°C-+55°C / -31°F~+131°F
ani	Working Temperature Humidity	90% or less
ç	Dimensions	240x375mm / 9.44"x14.76"
Mechanical	Anti-shock Weight	KG≥4G
	Weight	6.0KG / 13.23LBS

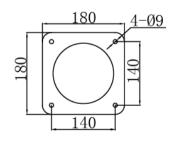


- 1080P Full HD realtime resolution
- True Day/Night, WDR, 3D-DNR, Defog
- 30X Optical zoom
- Dual stream and HD capture
- IR night vision distance 100m
- Suitable for car surveillance: DC11V-DC18V
- IP66 Weatherproof design, high die-cast aluminum casing, temperature: -35 $^{\circ}$ C ~+55 $^{\circ}$ C , with sun-shield housing and wiper
- 360° Continuous rotation, upward angle +90°~ -90°, without blind spot.
- Pan preset speed 100°/S, tilt preset speed 80°/S, with 256 preset positions, 6 cruising tracks.
- Support auto-cruise, horizontal scanning, the camera mode and displays the title.
- PTZ coordinates, the lens magnification display function.
- Car-surveillance shock absorber for option

Dimensions (unit: mm)







HS730 is an intelligent 2.0MP High Speed PTZ network camera integrated high quality HD camera module and HD sensor, achieving HD image capturing. It adopts the latest H.264 video compression algorithm and DSP processing chip and platform, high compression ratio, with high quality image, and built in with digital decoder.

It applies full digital control, flexible programming, drive line compact and simple design, thus could take rapid positioning and continuous tracking scan, really achieving full range monitoring without blind spot.

а	Camera	30x, 2.0 Mega pixel camera module
	Model	HS730
	Image Sensor	1/2.8" Progressive Scan CMOS
	Resolutions	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
		50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
	Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON)
		B&W: 0.01Lux @ (F1.6, AGC ON)
jer	S/N Ratio	>52dB
HD Camera	Backlight compensation	ON/OFF
	Iris, Focus	Auto/Manual
	White Balance	Auto/ Manual/ ATW/ Indoor/ Outdoor
	Day&Night mode	IR Cut Filter
	Electronic shutter	1/1s ~ 1/30,000s
	Wide Dynamic Range	Support
	Digital Noise Reduction	3D DNR
	Defog	Support
	IR Distance	100m
	Focal Length	4.5-135mm
2	Zoom	30X Optical zoom
Lens	Aperture Range	F1.6-F4.4
	Angle of View	65.1-2.34degree (Wide-Tele)
	Min. Working Distance	10mm-1500mm (Wide-Tele)
	Video Compression	H.264/MJPEG
	Audio Compression	G.711u/G.711a/G.726
	Compression Output Rate	32 Kbps~16Mbps
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP,
		PPPoE, SMTP, NTP, UpnP, SNMP, FTP, 802.1x,
		QoS, HTTPS, IPv6 (SIP, SRTP, optional)
	SD Card Interface	Micro SD Slot, 32GB capacity (Max.)
충	Smart Alarm	Remote detection, Screen-covered alarm, Memory
Network		storage full, Memory storage wrong
Š	Video IE Browse	10 Users online simultaneous live view
	Stream	Dual streams
	User Rights	32 Users (Max.), 3 Levels: Administrator, Operator,
		Normal user* (browse only)
	Security Mode	User Authorization (ID/PW), MAC address binding;
		HTTPS encryption; IEEE 802.1x network access
		control, IP address filtering
	ROI Encoding	Support 24 areas, grade adjustable
	ONVIF	Support
	Pan / Tilt Range	Pan: 360° endless, Tilt: 90°~ -90°
	Pan / Tilt preset Speed	Pan: 100°/s, Tilt: 80°/s
Z	Pan / Tilt Control Speed	Pan: 0°-60°/s, Tilt: 0°-40°/s
Ъ.	Preset Positions	256 presets, 6 cruising tracks
	Communications	RS485, built in 16 different protocols, baud rate
		from 2400Bps-19200Bps for option
ਯ	Power supply	DC12V (50VA)
	Ingress Protection	IP66 (Outdoor)
Mechanical	Working Temperature	-35°C-+55°C / -31°F~+131°F
hai	Humidity	90% or less
ဝမ	Dimensions	240x375mm / 9.44"x14.76"
ž	Anti-shock weight	KG≧4G
	Weight	6.0KG / 13.23LBS