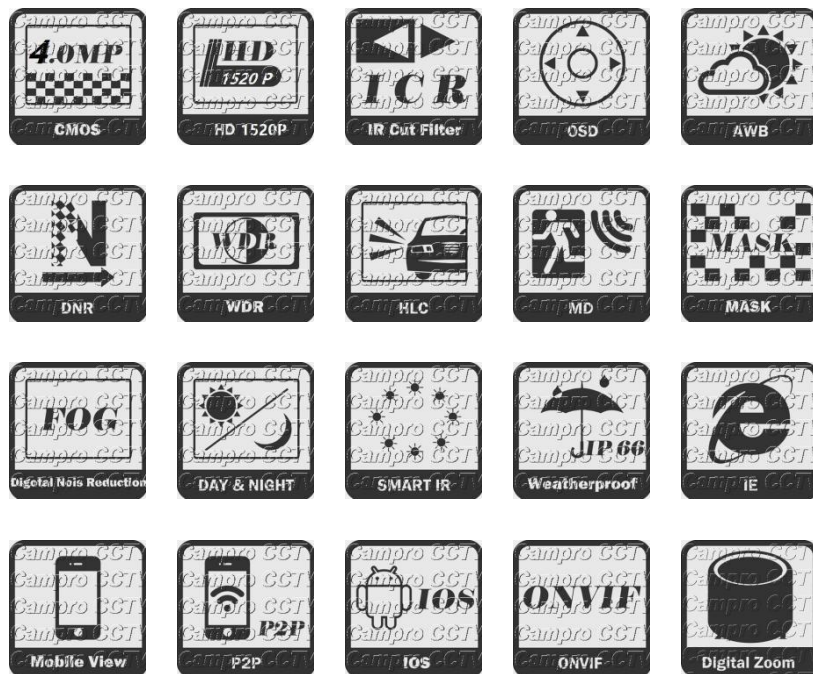
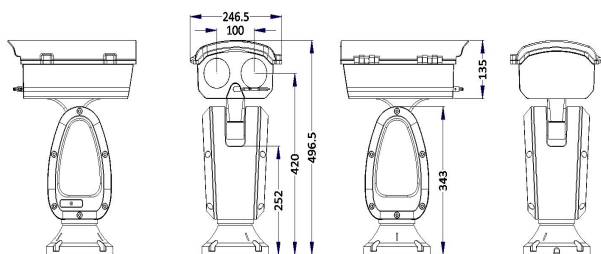


### 4MP 52X Starlight PTZ Network Camera



- 1/1.8" Progressive Scan 4MP CMOS
- 6.1~317mm, 52X Optical Zoom, 16X Digital Zoom
- Starlight Technology
- Auto-Induction Wiper
- Drive & Close-Loop Control System
- Positioning Accuracy: 0.05°
- Smart AI: Optional
- Laser Distance up to 800M

<b>Model No.</b>	<b>CB-52X-LS8042</b>
<b>Camera</b>	
Digital Video Processor	1/1.8" 4MP CMOS Sensor
RAM & ROM	1GB RAM / 8GB ROM
Frame Rate	2560*1440
Minimum Illumination	Color: 0.0005Lux@F1.5(AGC ON), B/W: 0.0001 Lux@F1.5(AGC ON)
Shutter Speed	Auto / 1/25s-1~100'000s
Slow Shutter	Support
Aperture	DC drive
Day & Night Switch	Auto, Dual IR-Cut Filter (Day / Night / Auto / Schedule)
IR Illuminator / Wavelength	Up to 800M / 850nm
<b>LENS</b>	
Lens Type	6.1~317mm Motorized 52X Optical Zoom Lens
Optical Zoom	52X

Digital Zoom	16X				
Focus Control	Auto / Semi-Auto / Manual				
Iris Control	Auto Iris				
Aperture Value	Max. F1.4~F4.7				
<b>F.O.V.</b>					
Field of View (H)	65.5°~1.8° (Wide~Tele)				
Field of View (V)	38.6°~1.1° (Wide~Tele)				
Field of View (D)	73.2°~2.1° (Wide~Tele)				
Minimum Working Distance	100mm~2000mm				
Zoom Speed	Approximately 6s				
<b>DORI</b>					
DORI	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	6.1mm	54	54	27	221
	317mm	2280	2280	1400	1100
<b>Compression Standard</b>					
Video Compression	H.265 Main Profile / H.264 High Profile / H.264 Main Profile / H.264 Baseline Profile / MJPEG				
Video Bit Rate	32Kbps~16Mbps				
Audio Compression	G.711a / G.711u / G.722.1 / G.726 / MP2L2 / AAC / PCM				
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-192Kbps(MP2L2) / 16-64Kbps(AAC)				
<b>Image</b>					
Max. Resolution	2560*1440@25/30fps				
Main Stream	50/60Hz: 25/30fps(2560*1440/1920*1080/1280*960/1280*720)				
Sub Stream	50/60Hz: 25/30fps(704*576/640*480/352*288)				
Third Stream	50/60Hz: 25/30fps(704*576)				
Image Setting	Saturation, Brightness, Contrast, Sharpness adjustable by Client Soft. Or Browse				
Exposure Mode	Auto Exposure / Aperture Priority / Shutter Priority / Manual Exposure				
Focus Mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus				
Area Exposure / Focus	Support				
Gain Control	Auto / Manual				
BLC / White Balance	BLC: On/Off, White Balance: (Auto / Manual / Lock)				
Defog	Support				
Day/Night Switch	Auto, Manual, Timing, Alarm Trigger				
Flip	Normal / Flip Vertical / Flip Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise				
HLC	Support				
Image Stabilization (EIS)	Support				
DNR	3D DNR				
WDR	≥ 140dB				
S/N Ratio	≥ 60dB				
Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area				
Region of Interest	Support 3 streams and 4 fixed areas				
Privacy Mask	On/Off, (8 Areas, Rectangle)				
<b>Network</b>					

Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, DHCP, PPPoE,
API	Onvif (Profile S, Profile G), PSIA, CGI
Baud Rate	1200 / 2400 / 4800 / 9600bps (Default:115200bps)
Streaming Method	Unicast / Multicast
Simultaneous	Live View Up to 20 Channels
User/Host	5 Users
Security	Password Protection, Complicated Password, HTTPS Encryption, IP Address Filter, Control Timeout Settings
Video Management Software	IE / Web / PC Client Software / App
WEB	IE10/11, Safari V12.1 above, Firefox V.52 above, Google Chrome V.57 above, Edge V.79 above
Mobile Client	iOS, Android
P2P	Support iOS / Android / PC
<b>PTZ</b>	
3D Intellectual	Support
Horizontal Rotation Range	0~360° endless
Horizontal Rotation Speed	Pan Speed: Configurable from 0.05° to 90°/s; Preset Speed: 90°/s
Tilt Rotation Range	-82~58°
Tilt Rotation Speed	Tilt Speed: Configurable from 0.1° to 9°/s; Preset Speed: 9°/s
Preset Points	255
Patrol Scan	6 Patrols, up to 18 Presets per patrol
Pattern	4 Patterns, with total recording time not less than 10mins
A-B Scan	User Programmable
A-B Scan Speed	8 Levels Setting Available (1-8)
3D Positioning	Support
PWR On Action	Memory / Pattern 1 / Tour 1 / 360° Scan / A-B Scan / Preset 1-18 / None
Park Time	5~720s available
Dwell Preset	10~120s available
Power-Off Memory	Support
Anti-Flash	50Hz / 60Hz
Wiper	Automatic Induction Wiper (Auto / Manual)
<b>Infrared</b>	
Laser Distance	Up to 800m
Laser Intensity	Automatically adjusted, depending on the zoom ratio
<b>Interface</b>	
Ethernet Interface	RJ45*1, 10M/100M self-adaptive
Storage	Support 256G Micro SD / SDHC / SDXC offline local storage, NAS (NFS, SMB / CIFS support)
Alarm	1CH Input, 1CH Output (Optional)
Audio	1CH Input, 1CH Output (Optional)
<b>Alarm</b>	
Snapshot	Remote Timing Snapshot, Mobile View Images Snapshot
Motion Detection	Intelligent Multiple Detection Zones (Max. 4 Zones)
Alarm Linkage	E-mail Alert and Upload Snapshot to FTP, Relay Out, Mobile Phone App

Event	
Basic Event	Motion Detection, Alarm Input and Output
Smart Event	Area Intrusion Detection, Audio Detection, Line Crossing Detection, Region Entrance/Exiting Detection, Wandering Detection, Quick Motion Detection, Parking Detection, Personnel Gathering Detection, Scene Change Detection
AI Function (Optional)	Support vehicle, non-motor vehicle, human body detection
Smart Tracking	Auto Tracking
Alarm Linkage	Upload to FTP, E-mail, Trigger Alarm Output, Trigger Recording
General Parameter	
Operating Temp.	Indoor: 0~40°, Outdoor: -40°~+65°
Humidity	≤ 95% Non Condensing
Power	AC 24V
Power Consumption	≤ 72W
Dimension	246.5(W)*496.5(H)mm
Weight	9.5KG
Protection Level	IP66, TVS 4000V Lightning Protection, Surge Protection
Mounting	Mast Mounting
Approvals	
Certification	CE / FCC / RoHS
ISO	ISO9001