



◆ SPECIFICATION

Model NO.	LIV90A200	LIV90T200	LIV90S200	LIV90S130	LIV90S100
Camera					
Image Sensor	IMX222	IMX22	IMX222	IMX238	OV9712S
Main processor	A5S66	DM368	HI3516C	HI3518C	HI3518E
Resolution	1080P	1080P	1080P	960P	720P
Effective Pixels	1920(H)*1080(V)	1920(H)*1080(V)	1920(H)*1080(V)	1280(H)*960(V)	1280(H)*720(V)
TV System	PAL/NTSC				
Electronic Shutter Time	Auto: PAL 1/1-1/10000Sec; NTSC 1/1-1/10000Sec				
Sync System	Internal				
Usable Illumination	0.01Lux	0.01Lux	0.01Lux	0.01Lux	0.1Lux
S/N Ratio	≥52dB				
Scanning System	Progressive				
Video Output	Network				
Lens					
Focus Length	2.8-12mm				
Focus Control	Manual				
Lens Type	Manual				
Pixels	3M Pixels	3M Pixels	3M Pixels	2M Pixels	2M Pixels
Night Vision					
Infrared LED	∅ 5X72PCS				
Infrared Distance	60M				
IR Status	Under 10 Lux By CDS				
IR Power On	CDS Auto Control				
Network					
Ethernet	RJ-45 (10/100Base-T)				
Protocol	IPv4, HTTP, TCP/IP, FTP, NTP, RTSP, UDP, SMTP, DNS, DDNS				
ONVIF	Support ONVIF 2.4				
P2P	YES, Support QR Code				
POE	Optional, Support IEEE 802.3af				
WIFI	N/A				
Video Delay	0.3S (Within the Lan)				
Main Stream	1920*1080@30fps	1920*1080@30fps	1920*1080@30fps	1280*960@30fps	1280*720@25fps

Sub Stream	704*576@30fps, 352*288@30fps	704*576@30fps, 352*288@30fps	704*576@30fps, 352*288@30fps	704*576@30fps, 352*288@30fps	704*576@6fps, 352*288@6fps
IE Brower	IE8-11, Google Chrome, Firefox				
Smart Phone	iPhone, iPad, Android, Android Pad				
Camera Features					
Day/Night	Color/ B&W (IR-CUT)				
Compression	H.264/JPEG,Support record AVI format.				
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, BLC, FLK(Flicker Control)				
Motion Detection	Support				
Privacy Masking	3 Rectangular Zone				
WDR	YES	NO	NO	NO	NO
Recording Mode	NVR/NAS/CMS/Web				
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian				
General					
Housing	Weatherproof , IP66				
Anti-cut Bracket	YES, 3-Axis				
IR Cut Filter	YES				
Operation Temperature	-10℃ ~ +50℃ RH95% Max				
Storage Temperature	-20℃ ~ +60℃ RH95% Max				
Power Source	DC12V±10%, 100mA				
Dimension	260(W)x98(H)x95(D)mm				
Weight	1.7kgs				