



product	model	RF-W509DU (single board )
system	main processor	FH 0.5T DSP
	operating system	Embedded LINUX operating system
video	Imaging device	1/3CMOSSensor
	video coding standards	H.264/H.265
	System format	PAL50HZ/NTSC60HZ
	Effective resolution	2304*1296 (3MP)
	Video frame rate	1-20fps
	Video stream 2	256kbps-12288kbps (default variable bit rate, supports customization) (VMS)
	Minimum illumination	Day mode 1Lux, night vision mode 0.01Lux
	day and night mode	Intelligent dual light/full color white light/normal night vision
	Automatic white balance (AWB)/3D noise reduction/gain (AGC)/Wide Dynamic Range/Exposure Time	AUTO
	Automatic electronic shutter (AES)	AUTO/1/25-1/10,000 seconds
	video output	Easytool/EasyVMS client/mobile APP client
	Motion Detection	support
	Capture function	support
fill light	Dual light infrared	The board is already equipped with a light board driver as standard, and the light board does not need a driver.
audio	coding standards	G.711U
	audio input	MIC
	Audio output	External 8Ω/MAX2W speaker
Video management	Video management	All-day recording, alarm recording, scheduled recording
	Video save	TF/PC/NVR
	cloud storage	support

alarm	Intelligent AI detection	Supports accurate humanoid and vehicle-shaped detection functions, and can support people flow statistics, off-duty detection, regional intrusion, cross-border detection, and illegal parking AI functions such as snapshots
	Alarm Output	Supports alarm output and can be linked to control strobe lights or alarm equipment
	Alarm trigger	Motion detection alarm, humanoid detection alarm, sound and light alarm, alarm video, screenshot, send email
Target Tracking	humanoid tracking	Supports accurate humanoid tracking, supports guard position setting, and can return to the guard position after tracking is completed
network	Network protocol	HTTP,TCP/IP,IPV4,UPNP,RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP,IP Search(Support P6S IP camera, DVR, NVS andetc.)
other	TF card	Max 256GB
	WIFI	External 2.4GWIFI antenna
	Operating Voltage	DC-12V
	Working current	140mA ±10mA
	working environment	-20°C --- +70°C
size	board mounting hole distance	32*42mm
	ICR/LENS hole distance	20mm