



DSS Professional Port List



V8.5.0

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

Main Platform			
Deployment	Module	Platform Listening Port	Application Protocol
PC/mobile client and platform are not on the same network segment.	PC Client Login	443 (NGINX Service)	The HTTPS port that the PC client uses to log in to the platform.
		61616 (MQ Service)	The MQ-openwire port that the PC client uses to receive the platform notifications (TCP).
	Mobile Client Login	443 (NGINX Service)	The HTTPS port that the mobile client uses to log in to the platform.
		1883 (MQ Service)	The MQ-mqtt protocol port that the mobile client uses to receive the platform notifications (TCP).
	VDP App Login	443 (NGINX Service)	The HTTPS port that the VDP app uses to log in to the platform.
	Live View	9100 (MTS Service)	The RTSP port used to watch live video streams (TCP).
		9102 (MTS Service)	The RTSP over TLS port used to perform encrypted transmission of video streams during live view (TCP) .
	Video Playback	9320 (SS Service)	The RTSP port used to play back videos (TCP).
		9322 (SS Service)	The RTSP over TLS port used to perform encrypted transmission of video streams during video playback (TCP).
	View Passed Vehicles Records	40000–49999 (PTS Service)	The port segment used to forward ANPR image streams (TCP).
	Video Intercom	5080 (DA_SCS Service)	The registration port that the device/mobile client/PC client uses to register to the platform through SIP (UDP).
		20000–22000 (DA_SCS Service)	The port segment used to forward audio streams of video intercom (UDP).
		9100 (MTS Service)	The RTSP port for video intercom audio/video streams (TCP).
		9102 (MTS Service)	The RTSP over TLS port used to perform encrypted transmission of video intercom audio/video streams (TCP).
The devices are in the different network with the platform	Video Intercom	5080 (DA_SCS Service)	The registration port that the device/mobile client/PC client uses to register to the platform through SIP (UDP).
		20000–22000 (DA_SCS Service)	The port segment used to forward audio streams of video intercom (UDP).
		9100 (MTS Service)	The RTSP port for video intercom audio/video streams (TCP).
		9102 (MTS Service)	The RTSP over TLS port used to perform encrypted transmission of video intercom audio/video streams (TCP).
	Video on Wall (streaming)	9090 (MGW Service)	The RTSP port that decoders use to pull the stream from the platform to play video on the wall (TCP).
Device and platform are not on the same network segment.	The device automatically registers to the platform and opens the webpage of the auto registered device.	9005 (SMC Service)	The redirection port that devices use to automatically register to the platform (TCP).
		9500 (ARS Service)	The port used by devices to automatically register to the platform (TCP).
		9399 (BSID Service)	The port used by devices to register sublinks to the platform (TCP).

Main Platform			
Device and platform are not on the same network segment.	The device automatically registers to the platform and opens the webpage of the auto registered device.	39550–39649 (BSID Service)	The platform proxy port segment used to open the automatically registered device webpage (TCP).
	Download Device Files/Access 4G Devices	9399 (BSID Service)	The port used by devices to register sublinks to the platform (TCP).
	Receive alarms from ONVIF devices	8686 (PCPS Service)	The port used by ONVIF devices to push notifications to the platform (TCP).
	General Alarms	18800 (SMC service)	General alarm port (TCP)
		18800 (SMC service)	General alarm port (UDP)
		18801 (SMC service)	General alarm port (HTTP)
		18443 (SMC service)	General alarm port (HTTPS)

Sub Platform			
Deployment	Module	Platform Listening Port	Application Protocol
PC/mobile client and platform are not on the same network segment.	Live View	9100 (MTS Service)	The RTSP port used to watch live video streams (TCP).
		9102 (MTS Service)	The RTSP over TLS port used to perform encrypted transmission of video streams during live view (TCP) .
	Video Playback	9320 (SS Service)	The RTSP port used to play back videos (TCP).
		9322 (SS Service)	The RTSP over TLS port used to perform encrypted transmission of video streams during video playback (TCP).
	View Passed Vehicles Records	40000–49999 (PTS Service)	The port segment used to forward ANPR image streams (UDP).
	Video Intercom	5080 (DA_SCS Service)	The registration port that the device/mobile client/PC client uses to register to the platform through SIP (UDP).
		20000–22000 (DA_SCS Service)	The port segment used to forward audio streams of video intercom (UDP).
		9100 (MTS Service)	The RTSP port for video intercom audio/video streams (TCP).
		9102 (MTS Service)	The RTSP over TLS port used to perform encrypted transmission of video intercom audio/video streams (TCP).
Device and platform are not on the same network segment.	The device automatically registers to the platform and opens the webpage of the auto registered device.	9500 (ARS Service)	The port used by devices to automatically register to the platform (TCP).
		9399 (BSID Service)	The port used by devices to register sublinks to the platform (TCP).
	Download Device Files/Access 4G Devices	9399 (BSID Service)	The port used by devices to register sublinks to the platform (TCP).
	Receive ONVIF Device Alarms	8686 (PCPS Service)	The port used by ONVIF devices to push notifications to the platform (TCP).
	Video Intercom	5080 (SC service)	The registration port that the device/mobile client/PC client uses to register to the platform through SIP (UDP).
		20000–22000 (DA_SCS Service)	The port segment used to forward audio streams of video intercom (UDP).
		9100 (MTS)	The RTSP port for video intercom audio/video streams (TCP).
		9102 (MTS)	The RTSP over TLS port used to perform encrypted transmission of video intercom audio/video streams (TCP).

ENABLING A SMARTER SOCIETY AND BETTER LIVING

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.
Address: No. 1399, Binxing Road, Binjiang District, Hangzhou, P. R. China | Website: www.dahuasecurity.com | Postcode: 310053
Email: dhoverseas@dhvisiontech.com | Tel: +86-571-87688888 28933188