



DSS Professional V8.1.1

Port List



1 Main Server

Function Module	Listening Port	Application Protocol	Required Mapping
Client login	443 (NGINX https)	HTTPS	Yes
	1883 (MQ service connected by mobile app)	MQ-mqtt (encrypted)	Yes
	61616 (MQ service connected by client)	MQ-openwire (encrypted)	Yes
Live View	9100 (MTS service RTSP)	RTSP	Yes
	9102 (MTS service RTSPS)	RTSP over TLS	No
Playback	9320 (SS service RTSP)	RTSP	Yes
	9322 (SS service RTSPS)	RTSP over TLS	No
ANPR	40000-50000 (PTS image stream)	RTP	Yes
Video Wall	9090 (RTSP protocol)	RTSP protocol	Yes
Video intercom	5080 (SC service)	SIP registration port (UDP)	Yes
	20000-30000 (video intercom audio stream)	Intercom audio stream forwarding port (UDP)	Yes
Auto registration	9005 (admin service)	Auto register redirection (TCP)	No
	9500 (ARS service)	Dahua second generation protocol (TCP)	Yes
File Download	9399 (Download server, private protocol by Dahua)	Dahua second generation protocol (TCP)	Yes
Group Talk	5084 (SIP registration)	SIP ptocol (UDP)	Yes
	30000-30240 (Group talk audio stream)	Group talk audio stream forwarding	

		port (UDP)	
Alarms from ONVIF Devices on the Internet	8686 (ONVIF protocol)	ONVIF protocol (TCP)	Yes

2 Sub Server

Function Module	Listening Port	Application Protocol	Required Mapping
Live view	9100 (MTS service RTSP)	RTSP	Yes
	9102 (MTS service RTSPS)	RTSP over TLS	No
Playback	9320 (SS service RTSP)	RTSP	Yes
	9322 (SS service RTSPS)	RTSP over TLS	No
ANPR	40000-50000 (PTS image stream)	RTP	Yes
Auto registration	9500 (ARS service)	Dahua second generation protocol (TCP)	Yes
File Download	9399 (Download server, private protocol by Dahua)	Dahua second generation protocol (TCP)	Yes
Alarms from ONVIF Devices on the Internet	8686 (ONVIF protocol)	ONVIF protocol (TCP)	Yes

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