



DSS Professional V8.2.0

Port List



1 Main Server

Function Module	Listening Port	Application Protocol	Required Mapping
Client login	443 (NGINX service)	HTTPS	Yes
	1883(MQ service)	MQ-mqtt (TCP) for Mobile app	Yes
	61616 (MQ service)	MQ-openwire (TCP) for PC client	Yes
Live View	9100 (MTS service)	RTSP (TCP)	Yes
	9102 (MTS service)	RTSP over TLS (TCP)	No
Playback	9320 (SS service)	RTSP (TCP)	Yes
	9322 (SS service)	RTSP over TLS (TCP)	No
ANPR	40000-49999 (PTS service)	Ports for forwarding image stream (UDP)	Yes
Video Wall	9090 (MGW service)	RTSP protocol (TCP)	Yes
Video intercom	5080 (SC service)	SIP registration port (UDP)	Yes
	20000-30000 (SC service)	Ports for forwarding intercom audio stream (UDP)	Yes
Auto registration	9005 (SMC service)	Auto registration redirection (TCP)	No
	9500 (ARS service)	Dahua protocol (TCP)	Yes
File Download	9399 (BSID service)	Dahua protocol (TCP)	Yes
Group Talk	5084 (POC service)	SIP protocol (UDP)	Yes
	30000-30240 (POC service)	Ports for forwarding group talk audio stream (UDP)	
Alarms from ONVIF Devices on the Internet	8686 (PCPS service)	ONVIF protocol (TCP)	Yes
Redirecting to the webpage of a device added through automatic registration	39550-39649 (BSID service)	Dahua protocol (TCP)	Yes

2 Sub Server

Function Module	Listening Port	Application Protocol	Required Mapping
Live View	9100 (MTS service)	RTSP (TCP)	Yes
	9102 (MTS service)	RTSP over TLS (TCP)	No
Playback	9320 (SS service)	RTSP (TCP)	Yes
	9322 (SS service)	RTSP over TLS (TCP)	No
ANPR	40000-49999 (PTS service)	Ports for forwarding image stream (UDP)	Yes
Auto registration	9500 (ARS service)	Dahua protocol (TCP)	Yes
File Download	9399 (BSID service)	Dahua protocol (TCP)	Yes
Alarms from ONVIF Devices on the Internet	8686 (PCPS service)	ONVIF protocol (TCP)	Yes
Redirecting to the webpage of a device added through automatic registration	39550-39649 (BSID service)	Dahua protocol (TCP)	Yes

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