



DSS Professional Port List



V8.8.0

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Main Platform				
Deployment	Module	Platform Listening Port	Application Protocol	Remarks
Note: Since all the ports of the platform can be modified, the ports in this list are the default ports of the platform. When mapping the ports of the internal and external networks, please map them according to the ports actually configured on the platform (you can view the ports actually used by the service through the platform management tool).				
Client/App is in different networks with the platform	DSS Client Login	443 (Nginx service)	The HTTPS port for the client to log in to the platform (TCP)	
		61616 (MQ service)	The MQ–OpenWire port for the client to receive notifications from the platform (TCP)	
	Mobile Client Login	443 (Nginx service)	The HTTPS port for the app to log in to the platform (TCP)	
		1883 (MQ service)	The MQ–MQTT port for the app to receive notifications from the platform (TCP)	
	OnePass App Login	443 (Nginx service)	The HTTPS port for the OnePass app to log in to the platform (TCP)	
	Image Access/Upload	9901 (OSS service)	The HTTPS port for accessing and uploading images (TCP)	
		6556 (SMS service)	The HTTPS port for accessing and uploading images (TCP)	This port is required in the image direct storage of device
	Live Video	9100 (MTS service)	The RTSP port for the video stream of live video (TCP)	
		9102 (MTS service)	The RTSPS port for the encrypted transmission of live video stream (TCP)	
	Playback	9320 (SS service)	The RTSP port for video playback (TCP)	
		9322 (SS service)	The RTSPS port for encrypted transmission of video playback (TCP)	
	View Records of Passed Vehicles	40000 (DMS service)	The port for ANPR image forwarding (TCP)	
	Video Intercom	5080 (SCS service)	The port for the devices to register SIP on the platform (UDP)	
		20000–22000 (SCS service)	The port segment for forwarding video intercom audio stream (UDP)	
		9100 (MTS service)	The RTSP port for the video intercom to forward audio stream (TCP)	
		9102 (MTS service)	The RTSPS port for the encrypted video stream transmission of video intercom (TCP)	

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Client/App is in different networks with the platform	Group Talk	443 (Nginx service)	The HTTPS port for the MPT app to log in to the platform (TCP)	
		1883 (MQ service)	The MQ-OpenWire port for the MPT app to receive the notification from the platform (TCP)	
		5084 (POC service)	Platform SIP registration port (UDP)	
		30000–30240 (POC service)	The port segment for the group talk to forward audio stream (UDP)	
Devices are in different networks with the platform	Video Intercom	5080 (SCS service)	The port for the devices/app/client to register SIP on the platform (UDP)	
		20000–22000 (SCS service)	The port segment for video intercom to forward audio stream (UDP)	
		9100 (MTS service)	The RTSP port for the video stream of video intercom (TCP)	
		9102 (MTS service)	The RTSPS port for encrypted transmission of video intercom video stream (TCP)	
	Group Talk	443 (Nginx service)	The HTTP port for MPT app to log in to the platform (TCP)	
		1883 (MQ service)	The MQ-OpenWire port for the MPT app to receive notifications pushed by the platform (TCP)	
		5084 (POC service)	The port for the group talk app/client to register SIP on the platform (UDP)	
		30000–30240 (POC service)	The port segment for the group talk to forward audio stream (UDP)	
	Video Decoding to Wall (platform pull stream mode)	9090 (MGW service)	The RTSP port for the decoder to pull stream from the platform and decode the video on the wall (TCP)	

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Devices are in different networks with the platform	Device Auto Registration	9005 (SMC service)	The redirection port for the device to auto register on the platform (TCP)	
		9500 (ARS service)	The port for the device to auto register on the platform (TCP)	
		9399 (BSMS service)	The port for the device to register sub-link on the platform (TCP)	
		39550–39649 (BSMS service)	The platform proxy port segment for opening the webpage of auto registered device (TCP)	The port segment can be modified. 61001–65000 are occupied by default. Avoid using these ports during modification.
	Images Saved on Device, 4G Device Access	9399 (BSMS service)	The port for the device to register sub-link on the platform (TCP)	
	Receive Alarms from ONVIF Devices	8686 (PCPS service)	The port for the ONVIF device to push alarms to the platform (TCP)	
	IP Speaker Talk	33000–35000 (PCPS service)	The port segment for audio stream forwarding during IP speaker talk (UDP)	
	IP Speaker Broadcasting	5084 (POC service)	Platform SIP registration port (UDP)	
		30000–30240 (POC service)	The port segment for audio stream forwarding during IP speaker broadcasting (UDP)	
	Mobile Device Update and Face Arming	10021 (FTPS service)	Signaling port for FTPS (TCP)	
		25000–25240 (FTPS service)	Data port for FTPS (TCP)	The port segment can be modified. 61001–65000 TCP ports are occupied by default. Avoid using these ports during modification.
	UVSS Device Access	9211 (DMS service)	The HTTP port for the UVSS to register on the platform (TCP)	
		9212 (DMS service)	The HTTPS port for the UVSS to register on the platform (TCP)	

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Devices are in different networks with the platform	SIA Alarm Controller	6666 (ARCMS service)	The port for SIA-protocol alarm controllers to register on the platform (TCP)	
		5555 (ARCMS service)	The port for SIA-protocol alarm controllers to register on the platform (UDP)	
	SNMP Device Trap Alarm	162 (ARCMS service)	The trap alarm port for SNMP network devices (UDP)	161 is the official default port of SNMP protocol, and is not recommended to be modified.
	Access of Parking Fee Charging Device	15492 (ARCMS service)	The HTTP port for the parking fee charging device to access the platform (TCP)	
	Third-party Integration	47808 (TPMS service)	The BACnet port for listening third-party integration businesses (UDP)	47808 is the official default port of BACnet protocol, and is not recommended to be modified.
		502 (TPMS service)	The Modbus port for listening third-party integration businesses (TCP)	502 is the official default port of Modbus protocol, and is not recommended to be modified.
	General Alarm	18800 (SMC service)	General alarm port (TCP)	
		18800 (SMC service)	General alarm port (UDP)	
		18801 (SMC service)	General alarm HTTP port (TCP)	
		18443 (SMC service)	General alarm HTTPS port (TCP)	
Tripartite system is in different networks with the platform	FLV Stream Pulling	7886 (EIFLV service)	HTTP port for FLV stream pulling (TCP)	
		7896 (EIFLV service)	HTTPS port for FLV stream pulling (TCP)	
	HLS Stream Pulling	7086 (MES service)	HTTP port for HLS stream pulling (TCP)	
		7096 (MES service)	HTTPS port for HLS stream pulling (TCP)	
	RTSP	9090 (MGWS service)	Redirection port for RTSP stream pulling	

Sub Platform				
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Client/App is in different networks with the platform	Image Access	9901 (OSS service)	The port for the client to access platform images (HTTPS)	
		6556 (SMS service)	The port for the client to access device images (HTTPS)	
	Live Video	9100 (MTS service)	RTSP port for viewing live video (TCP)	
		9102 (MTS service)	RTSP over TLS port for encrypted transmission during live view (TCP)	
	Playback	9320 (SS service)	RTSP port for video playback (TCP)	
		9322 (SS service)	RTSP over TLS port for encrypted transmission during video playback (TCP)	
	View Records of Passed Vehicles	40000 (DMS service)	The port segment for ANPR image forwarding (TCP)	
	Video Intercom	5080 (SCS service)	The port for the devices/app/client to register SIP on the platform (UDP)	
		20000–22000 (SCS service)	The port segment for audio stream forwarding of video intercom (UDP)	
		9100 (MTS service)	RTSP port for audio and video stream of video intercom (TCP)	
		9102 (MTS service)	RTSP over TLS port for encrypted audio and video transmission of video intercom (TCP)	
Devices are in different networks with the platform	Device Auto Registration	9500 (ARS service)	The port for the device to auto register on the platform (TCP)	
		9399 (BSMS service)	The port for the device to register sub-link on the platform (TCP)	
		39550–39649 (BSMS service)	The platform proxy port segment for opening the webpage of auto registered device (TCP)	The port segment can be modified. 61001–65000 are occupied by default. Avoid using these ports during modification.

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	Receive Alarms from ONVIF Devices	8686 (PCPS service)	The port for ONVIF devices to push alarms to the platform (TCP)	
	IP Speaker Talk	33000–35000 (PCPS service)	The port segment for audio stream forwarding during IP speaker talk (UDP)	
	UVSS Device Access	9211 (DMS service)	The HTTP port for UVSS to register on the platform (TCP)	
		9212 (DMS service)	The HTTPS port for UVSS to register on the platform (TCP)	
	SIA Alarm Controller	6666 (ARCMS service)	SIA protocol (TCP)	
		5555 (ARCMS service)	SIA protocol (UDP)	
	SNMP Device Trap Alarm	162 (ARCMS service)	The trap alarm port for SNMP network devices (UDP)	
	Access of Parking Fee Charging Device	15492 (ARCMS service)	The HTTP port for the parking fee charging device to access the platform (TCP)	
	Video Intercom	5080 (SCS service)	The port for the devices/app/client to register SIP on the platform (UDP)	
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		9100 (MTS service)	RTSP port for audio and video stream of video intercom (TCP)	
		9102 (MTS service)	RTSP over TLS port for encrypted audio and video transmission of video intercom (TCP)	
Third-party system is in different networks with the platform	FLV Stream Pulling	7886 (EIFLV service)	HTTP port for FLV stream pulling	
		7896 (EIFLV service)	HTTPS port for FLV stream pulling	
	HLS Stream Pulling	7086 (MES service)	HTTP port for HLS stream pulling	
		7096 (MES service)	HTTPS port for HLS stream pulling	

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