



iVMS-5200 Mobile Surveillance V1.1.0
Port List

Port List

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System Ports

The following ports are used for the regular transmission of the signaling and data in the iVMS-5200 Mobile Surveillance V1.1.0. You may need to forward these ports on routers for WAN access or allow them on firewall according to the different software deployment or network structure:

Server	Destination	Port Number	Source	Function and Description	Conflict Solution
CMS (Central Management Server)	CMS	80	Client	The port for HTTP access	Modified in Service Manager
		123(UDP)	Servers & Devices	The port for NTP server	User can modify the port number of 3 rd program that occupies this port
		443	Client	The port for HTTPS access	Modified in Tomcat configuration file
		50051	Client, MES, MVAG	gRPC port	Modified in CMS configuration file
	MNMS (Mobile Network Server)	15499	Client	The port for event management	Modified in Service Manager
		15497	Other servers	The port for network management service	Modified automatically
	MES (Mobile Event Server)	15400	Client	The port for event management	Modified in Service Manager
		15401	MNMS	The port for 3 rd party SDK	Modified in automatically
	MVRM (Mobile Video Record Management Server)	6300	Client	The port for VRM management	Modified in Service Manager
		6301(UDP)	MNMS	The port for network management agent	Modified automatically
	MVAG (Mobile Video Access Gateway)	7660(UDP)	Ehome device	The port for registering Ehome device	Modified in Service Manager
		9602(TCP/UDP)	Client	The port for VAG management	Modified in Service Manager
		9600	CMS	The port for CMS notice and remote configuration	Modified automatically
		9601	MNMS	The port for network	Modified

				management agent	automatically
	MFS (Mobile Forward Server)	15501	Client	The port for Control Client getting alarm and GPS information	Modified in Service Manager
		15502	CMS	gRPC port	Modified in FS configuration file
		15504(UDP)	MNMS	SAMP inspection port	Modified in FS configuration file
		15503	Mobile Client	The port of mobile client getting GPS data	Modified in Service Manager
	MBS (Mobile Business Server)	50053	CMS	gRPC port	Modified in Service Manager
		162(UDP)	MNMS	Inspection port	Modified in MBS configuration file
	MQ	11024	CMS	The port for getting news	Modified in MQ configuration file
		12261	MES	The port for getting news	Modified in MQ configuration file
	PostgreSQL	5432	Client	Database port	Manually (the installation disk will remind and quit install when a conflict is detected)
SMS (Stream Media Server)	SMS	554	Client	Getting stream for live view	Modified in Service Manager
		10000	Client	Getting stream for playback	Modified in SMS configuration file
		50000-52000	Ehome Device	Getting stream from Ehome device for live view and playback	Modified in SMS configuration file
		6678	CMS	Configuration port	Modified automatically
		6001(UDP)	MNMS	The port of network management agent	Modified automatically

Note: 1. The Ehome device includes MVR, PVR, Body Camera and Portable PTZ dome.

2. Please ensure that the port segment 9600-9650 is available.

3. If there is no mark after the port number, TCP is the default.



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