



Digital Signage

Communication Matrix

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Source Device	Source IP Address	Source Port Number	Destination Device	Destination IP Address	Destination Port Number (Listening)	Protocol	Port Description	Destination Port Configurable (Yes/No)	Authentication Mode	Encryption Mode	Enabled by Default (Yes/No)	Version	Special Scenario
SDK Client	Client IP	1024 to 65535	HIK	HIK IP	8000	http-alt	HIK device SDK login port	No	User Name/Password	HMAC	Yes	2.2.0 and	None
PC Client	Client IP	1024 to 65535	HIK	HIK IP	5555	freeciv	ADB device remote debug port	Yes	None	None	No	All	None
WEB Client	Client IP	1024 to 65535	HIK	HIK IP	8888	HTTP	Device log remote get port	No	None	None	No	2.2.0 and above	None
PC Client	Client IP	1024 to 65535	HIK	HIK IP	23	telnet	telnet device remote debug port	No	None	None	No	2.2.0 and previous version	Applicable for 628 platform
PC Client	Client IP	1024 to 65535	HIK	HIK IP	22	SSH	SSH device remote debug port	No	User Name/Password	None	No	2.2.0 and above	Applicable for 3288 platform
HIK	HIK IP	1024 to 65535	HIK	HIK IP	1880	TCP	Device internal apps monitoring hicore communication request	No	None	None	Yes	2.0.1 and previous version	Applicable for 628 platform
HIK	HIK IP	1024 to 65535	HIK	HIK IP	1881	TCP	Device internal apps monitoring hicore communication request	No	None	None	Yes	2.0.1 and previous version	Applicable for 629 platform
HIK Intelligent IPC	Client IP	1024 to 65535	HIK	HIK IP	37220	TCP	Commercial intelligent IPC customer flow alarm monitoring	No	None	None	Yes	1.1.0 and previous version	Applicable for 630 platform
WEB Client	Client IP	1024 to 65535	HIK	HIK IP	80	TCP	[HTTPS] Port for HIK Service	Yes	User Name/Password	SHA256	Yes	V1.2.0 and above	
SDK Client	Client IP	1024 to 65535	HIK	HIK IP	8000	TCP	netserver sdk communication	No	User Name/Password	HMAC	Yes	All	
Terminal Device	Terminal IP	1024 to 65535	HIK	HIK IP	8001	TCP	For terminal to get server schedule and other big data	No	None	seq the only mark	Yes	All	
Terminal Device	Terminal IP	1024 to 65535	HIK	HIK IP	7330	UDP	ehome alarm monitoring	No	None	AES encryption	Yes	V1.2.0 and above	
Terminal Device	Terminal IP	1024 to 65535	HIK	HIK IP	7660	UDP	ehomeClient signal monitoring	No	User Name/Password	AES encryption	Yes	All	