Access Control and Video Intercom Product

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
Web Client	IP Address of PC	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	80	TCP	[HTTP] Port for Accessing WEB Service of ACS/VIS	Yes	User Name/Password	MDS	Yes	All Versions	None
Web Client	IP Address of PC	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	433	TCP	[HTTP] Used for Accessing WEB Service of ACS/VIS	Yes	User Name/Password	SSL	Yes	All Versions	None
Web Client	IP Address of PC	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	7681	TCP	[websocket] Used for Accessing WEB Service of ACS/VIS	Yes	User Name/Password	token	Yes	All Versions	None
Web Client	IP Address of PC	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	7682	TCP	[websockets] Used for Accessing WEB Service of ACS/VIS	Yes	User Name/Password	SSL	Yes	All Versions	None
HIK Private Communication Protocol Client	IP Address of PC	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	8000	TCP	[TCP[Service Port of HIK Private Protocol	Yes	User Name/Password	RSA+HMAC	Yes	All Versions	None
HIK Private Communication Protocol Client	IP Address of PC	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	8443	TCP	[TCP[Service Port of HIK Private Protocol	Yes	User Name/Password	SSL+HMAC	Yes	All Versions	None
ACS/VIS	IP Address of ACS/VIS	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	8102	TCP	[TCP] Service Port of Private Communication Protocol for Communication between Access Control Products and Video Intercom Products	No	None	None	Yes	All Versions	None

ACS/VIS	IP Address of ACS/VIS	6666	ACS/VIS	IP Address of ACS/VIS	6666	TCP	[TCP] Service Port of Private Communication Protocol for Communication between Access Control Products and Video Intercom Products	No	None	None	Yes	All Versions	None
SSH Terminal	IP Address of PC that Running SSH	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	22	TCP	[SSH] Port for SSH Remote Login	No	User Name/Password	N/A	No	All Versions	None
RTSP Client	IP Address of RTSP Client	1024 to 65535	ACS/VIS	IP Address of ACS/VIS	554	TCP	[RTSP] RTSP Service Port	No	User Name/Password	MDS	Yes	All Versions	None
SADP	IP Address of PC that Running SADP	1024 to 65535	ACS/VIS	239.255.255.250	37020	Multicast	[SADP Multicast] Port for SADP Multicast	No	User Name/Password	MDS	Yes	All Versions	None
SIP Server or Video Intercom Device	IP Address of SIP Server or Video Intercom Device	5060	SIP Server	IP Address of Device that Running SIP Service	5065	UDP	[SIP] Port of SIP Server	No	None	None	Yes	All Versions	None
SIP Server or Video Intercom Device	IP Address of SIP Server or Video Intercom Device	5065	SIP Server	IP Address of Device that Running SIP Service	5060	UDP	[SIP] Port of SIP Client	No	None	None	Yes	All Versions	None
ACS_2600	IP Address of Distributed Access Controller in ACS	9000	ACS_2600	IP Address of Master Access Controller in ACS	9000	TCP	[TCP] Port for Anti-Passback Communication between Access Controller Server and Access Controller	No	None	None	Yes	All Versions	None
ACS_2700	IP Address of Distributed Access Controller in ACS	1024 to 65535	ACS_2700	IP Address of Master Access Controller in ACS	36864	Multicast	[Multicast] Port for Communication between Access Controller and Distributed Access Controller	No	None	None	Yes	All Versions	None
ONVIF Client	IP Address of ONVIF Client	1024 to 65535	VIS	IP Address of VIS	3702	Multicast	[Multicast]Port of Discovery Protocol of ONVIF	No	None	None	Yes	All Versions	None

Hik-Connect	IP Address of Hik-Connect	1024 to 65535	Indoor Station	IP Address of Indoor Station	9010	TCP	Listen Port of Hik-Connect, Used for Device Live View and Play Back	No	Authentication via Command	Encrypt according to Protocol	Yes	All Versions	None
Hik-Connect	IP Address of Hik-Connect	1024 to 65535	Indoor Station	IP Address of Indoor Station	9020	TCP	Listen Port of Hik-Connect, Used for Device Live View and Playback	No	Authentication via Command	Encrypt according to Protocol	Yes	All Versions	None