



Network Keyboard

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 Web Client	1024 to 65535	Network Keyboard	IP address of network keyboard	80 or 443	TCP	[HTTP/HTTPS] Accessible to device service	No	Username/Password	Digest Authentication	Yes	DS-1100KI(B) V4.1.0 and subsequent versions, DS-1105KI V1.1.0 and subsequent versions, DS-1100KI V3.1.2 and previous versions, DS-1200K all versions, DS-1105KI V1.1.0 and subsequent versions, DS-1600KI V3.3.0 and subsequent versions	None
SSH Client	IP address of SSH Client	1024 to 65535	Network Keyboard	IP address of network keyboard	22	TCP	[SSH] Accessible to HIK service	No	Username/Password	Asymmetric Encryption	No	DS-1100KI V4.0.0, DS-1105KI V1.0.0 and subsequent versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	HIK	Server IP address of HIK	8000	TCP	[sdk] Accessible to HIK service	No	Username/Password	RSA	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	HIK	Server IP address of HikCentral	80 or 443	TCP	[HTTP/HTTPS] Accessible to HIK service	No	Username/Password	Digest Authentication	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	HIK	Server IP address of iSecure	80 or 443	TCP	[HTTP/HTTPS] Accessible to HIK service	No	Username/Password	Digest Authentication	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	HIK	Server IP address of KPS	2000 to 65535	TCP	[HTTP] Accessible to HIK service	No	Username/Password	Digest Authentication	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	HIK	Server IP address of HIK	554	TCP	[RTSP] Accessible to HIK service	No	Username/Password	Digest Authentication	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	HIK	Server IP address of HIK	80	TCP	[ONVIF] Accessible to HIK service	No	Username/Password	Digest Authentication	Yes	All versions	None
PC	IP address of PC	1024 to 65535	Network Keyboard	IP address of network keyboard	5555	TCP	[ADB] Accessible to HIK service	No	None	None	No	DS-1600KI all versions	None
Network Keyboard	IP address of network keyboard	None	None	Multicast address	30720	RAW	[SADP] Accessible to HIK service	No	None	None	Yes	All versions	None
PC	IP address of PC	None	Network Keyboard	IP address of network keyboard	30720	RAW	[SADP] Accessible to HIK service	No	None	None	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	PC	IP address of PC	20, 21	TCP	[FTP] Accessible to HIK service	No	None	None	Yes	All versions	None
Network Keyboard	IP address of network keyboard	1024 to 65535	PC	IP address of PC	69	TCP	[TFTP] Accessible to HIK service	No	None	None	Yes	DS-1100KI, DS-1100KI(B), DS-1105KI and DS-1200K all versions	None