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About this Manual
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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)
Device that supports IPv6	IP address of the device that supports IPv6	-	HIKMICRO device	IP address of HIKMICRO device	58	UDP	Send and receive IPv6Neighbor	No	None	None	Yes
Router	IP address of the router	-	HIKMICRO device	IP address of HIKMICRO device	546	UDP	Assigned by IPv6 DHCP	No	None	None	No
Device that supports bonjour	IP address of the device that supports bonjour	5353	HIKMICRO device	224.0.0.251/ff02::fb	5353	UDP	Bonjour server port	No	None	None	Yes
Device that supports bonjour	IP address of the device that supports bonjour	-	HIKMICRO device	224.0.0.251/ff02::fb	1025-65535	UDP	Bonjour server port	No	None	None	Yes
Device that supports bonjour	IP address of the device that supports bonjour	-	HIKMICRO device	224.0.0.251/ff02::fb	1025-65535	UDP	Bonjour server port	No	None	None	Yes
NMS	IP address of NMS	-	HIKMICRO device	IP address of HIKMICRO device	161	UDP	SNMP port	Yes	Specified in device configuration (None/MD5/SHA)	Specified in device configuration (None/DES/AES)	No
Onvif client	IP address of onvif client	-	HIKMICRO device	IP address of HIKMICRO device	3702	UDP	Multicast of Onvif service	No	None	None	No
Onvif/Web client	IP address of Onvif/Web client	-	HIKMICRO device	IP address of HIKMICRO device	80	TCP	Onvif service/HTTP	Yes	Password	In accordance with the protocol	Yes
Web client	Host IP address of the web client	-	HIKMICRO device	IP address of HIKMICRO device	443	TCP	Access via HTTPS	Yes	Password	SSL	Yes
RTSP client	Host IP address of RTSP client	-	HIKMICRO device	IP address of HIKMICRO device	554	TCP	Device RTSP port	Yes	Password	None	Yes
Web client or third party clients	Host IP address of the web client	-	HIKMICRO device	IP address of HIKMICRO device	8226-8801	UDP	RTSP UDP unicast live view	No	None	None	No
Web client or third party clients	Host IP address of the web client	-	HIKMICRO device	IP address of HIKMICRO device	8860-9627	UDP	RTSP Video and audio (multicast)	Yes	None	None	No
SDK client	Host IP address of SDK client	-	HIKMICRO device	IP address of HIKMICRO device	8000	TCP	Access device via SDK	Yes	Password	None	Yes
SSH client	Host IP address of SSH client	-	HIKMICRO device	IP address of HIKMICRO device	22	TCP	Device SSH port	No	Password	SSL	No
SADP client	Host IP address of SADP client	-	HIKMICRO device	IP address of HIKMICRO device	37020	UDP	SADP	No	Password	None	Yes

Hik-Connect server	IP address of Hik-Connect server	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	TCP	Hik-Connect signaling transmission	No	Password	None	No
Hik-Connect server	IP address of Hik-Connect server	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	TCP	Hik-Connect data transmission	No	Password	Stream encryption	No
Hik-Connect client\server	IP address of Hik-Connect client\server	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	UDP	Hik-Connect P2P communication	Yes	Password	AES128_cbc	No
Hik-Connect client\server	IP address of Hik-Connect client\server	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	UDP	Hik-Connect P2P communication	Yes	Password	AES128_cbc	No
Platform server	IP address of platform server	-	HIKMICRO device	IP address of HIKMICRO device	15060-15082	TCP	SIP service	No	Digest authentication	MD5	No
Platform server	IP address of platform server	-	HIKMICRO device	IP address of HIKMICRO device	5060	TCP	SIP service	Yes	Digest authentication	MD5	No
Router	IP address of router	-	HIKMICRO device	IP address of HIKMICRO device	49152, 49153	TCP	UPNP	No	None	None	No
Router	IP address of router	-	HIKMICRO device	IP address of HIKMICRO device	1900	UDP	UPNP	No	None	None	No
Router	IP address of router	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	UDP	UPNP	No	None	None	No
Ehome Server	IP address of Ehome Server	-	HIKMICRO device	IP address of HIKMICRO device	8660-9660	UDP	Ehome Register (Protocol version 2.0)	No	None	None	No
Ehome Server	EHome server IP address	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	TCP	EHome/ISUP register (Protocol version 5.0)	No	Password	Encrypt in accordance with the protocol (AES)	No
Ehome Server	IP address of Ehome Server	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	TCP	Ehome/ISUP Streaming (Protocol version 2.0, 5.0)	No	None	None	No
Hotspot	Device with Wi-Fi on	-	HIKMICRO device	IP address of HIKMICRO device	67	UDP	Hotspot port in litos system	No	Customized user name and password	None	No
Router	Router IP Address	-	HIKMICRO device	IP address of HIKMICRO device	68	UDP	DHCP port in litos system	No	None	None	No
Device that supports WebSocket	IP address of the device that supports WebSocket	-	HIKMICRO device	IP address of HIKMICRO device	7681	TCP	WebSocket server port	Yes	Digest authentication	None	Yes
Device that supports WebSockets	IP address of the device that supports WebSockets	-	HIKMICRO device	IP address of HIKMICRO device	7682	TCP	WebSockets server port	Yes	Digest authentication	None	Yes
Device that supports SRTP	IP address of the device that supports SRTP	-	HIKMICRO device	IP address of HIKMICRO device	322	TCP	SRTP server port	Yes	None	AES256, AES128	Yes
Device that supports SRTP	IP address of the device that supports SRTP	-	HIKMICRO device	IP address of HIKMICRO device	1025-65535	UDP	Video and audio (SRTP multicast)	Yes	Specified in device configuration (None/MD5/SHA)	AES256, AES128	Yes
Device that supports Modbus TCP	IP address of the device that supports Modbus TCP	-	HIKMICRO device	IP address of HIKMICRO device	502	TCP	Temperature measurement rule transmission via Modbus TCP	Yes	None	None	Yes