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
No limit.	No limit.	No limit.	Hik IP Receiver Pro	Hik IP Receiver Pro	80	TCP	HTTP port	Yes	Login (Digest) Authentication	Not encrypted.	Yes	V 1.0	None
No limit.	No limit.	No limit.	Hik IP Receiver Pro	Hik IP Receiver Pro	443	TCP	HTTPS port	Yes	Login (Digest) Authentication	TLS	No	V 1.0	None
ISUP5.0 Security Control Device	ISUP5.0 Security Control Device	ISUP5.0 Security Control Device Port	Hik IP Receiver Pro	Hik IP Receiver Pro	7661	TCP	Used for registering devices to the Hik IP Receiver Pro by ISUP5.0 protocol.	No	Device ID/Session ID	Encrypted.	Yes	V 1.0	None
ISUP5.0 Security Control Device	ISUP5.0 Security Control Device	ISUP5.0 Security Control Device Port	Hik IP Receiver Pro	Hik IP Receiver Pro	7662	TCP	Used for sending alarms from ISUP5.0 security control devices to the Hik IP Receiver Pro.	No	Session ID	Encrypted.	Yes	V 1.0	None
ISUP5.0 Security Control Device	ISUP5.0 Security Control Device	ISUP5.0 Security Control Device Port	Hik IP Receiver Pro	Hik IP Receiver Pro	7091	TCP	Used for sending picture data from ISUP5.0 security control devices to the Hik IP Receiver Pro.	No	Session ID	Not encrypted.	Yes	V 1.0	None
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	8081	TCP	HTTP port. Used for forwarding requests by the proxy server nginx.	Yes	Login (Digest) Authentication		Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	9081	TCP	WebSocket port. Used for forwarding requests by the proxy server nginx.	Yes	Login (Digest) Authentication		Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	30001	TCP	Internal communication port. Used for managing instruction interaction.	Yes	CRC	Sensitive Information AES	Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	30002	TCP	Internal communication port. Used for managing instruction interaction concerning device operation.	Yes	CRC	Sensitive Information AES	Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	30003	TCP	Internal communication port. Used for managing instruction interaction concerning stream.	Yes	CRC	Sensitive Information AES	Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	6543	TCP	Postgre SQL data service port. The default port is 6543. If the port is occupied, x+1 port will be used until there is an available port.	Yes	Login Authentication	md5	Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	10081	TCP	Picture-Downlaoding port. Used for downloading pictures and videos.	Yes	Login (Digest) Authentication		Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	13010	UDP	Used for the alarm driver to receive registered service data. The port is 13010 by default. If it is occupied, a random port will be used from 13010 to 15010.	Yes			Yes		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	7640	UDP	Used for the registered service to receive alarm driver data. The port is 7640 by default. If it is occupied, a random port will be used from 7640 to 7660.	Yes			Yes		
ARC	ARC	No limit.	Hik IP Receiver Pro	Hik IP Receiver Pro	1025	TCP	SG protocol port. It is 1025 by default. Used for connecting ARC.	Yes			No		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	24444	TCP	HPNetSDK Signalling port. It is 24444 by default. If the port occupied, x+1 port will be used until there is an available port.	No			No		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	32250-32260	HTTP	Used for starting two-way audio. The first available port from 32250 to 32260 shall be used.	No			No		
Hik IP Receiver Pro	127.0.0.1	No limit.	Hik IP Receiver Pro	127.0.0.1	24445	TCP	HPNetSDK data port. It is HPNetSDK Signalling port +1 by default. If the port occupied, x+1 port will be used until there is an available port.	No			No		