



LED Display

Communication Matrix

© 2020 Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

This Document (hereinafter referred to be “the Document”) is the property of Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as “Hikvision”), and it cannot be reproduced, changed, translated, or distributed, partially or wholly, by any means, without the prior written permission of Hikvision. Unless otherwise expressly stated herein, Hikvision does not make any warranties, guarantees or representations, express or implied, regarding to the Document, any information contained herein.

About this Document

Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Document is subject to change, without notice, due to updates or other reasons. Please use this Document with the guidance and assistance of professionals trained in supporting the Product.

LEGAL DISCLAIMER

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE DOCUMENT IS PROVIDED "AS IS" AND “WITH ALL FAULTS AND ERRORS”. HIKVISION MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. IN NO EVENT WILL HIKVISION BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, IN CONNECTION WITH THE USE OF THE DOCUMENT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.

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
Client	Client IP	8000	HIK	HIK server IP	8000	TCP	[HTTPS] Port to HIK Service	No	User Name/Password	Backward encryption is not allowed.	Yes	All	None
Device	Device IP	13333	HIK	Device IP	13333	udp	multicast send and receive	No	Number	AES	No	All	None
		22				TCP	SSH, remote access		root/hiklinux		No	All	
		20				TCP	ftp-data, no service	Yes			Yes		Open port for linux system of the device
		23				TCP	telnet, no service	Yes			Yes		Open port for linux system of the device
		24				TCP	uptime, no service	Yes			Yes		Open port for linux system of the device
		67				udp	bootps, no service	Yes			Yes		Open port for linux system of the device
		68				udp	bootpc, no service	Yes			Yes		Open port for linux system of the device
		69				TCP	tftp, tftp for Client access to Server	Yes			Yes		Open port for linux system of the device
		80				TCP	http, no service	Yes			Yes		Open port for linux system of the device
		115				TCP	stfp, no service	Yes			Yes		Open port for linux system of the device
		161				udp	snmp, no service	Yes			Yes		Open port for linux system of the device