



Digital Signage

Device Command

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

This Manual (hereinafter referred to be “the Manual”) 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 Manual, any information contained herein.

About this Manual

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

LEGAL DISCLAIMER

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE MANUAL 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 MANUAL, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.

Command Type (Optional)	Command Name	Command Function	Format	More Information	Usage Example (Optional)
Production/Test	sec_exe	sec_exe xx.xx.xx.xx Manually encrypt board and card sec_exe -getSN Get board and card encryption serial No. sec_exe -lockState Get auto encryption lock status sec_exe -lock Lock encryption mini program sec_exe -unlock Unlock encryption mini program	sec_exe -parameter		
	showSoftVersion	showSoftVersion: View software version No.	showSoftVersion		
	showMaterialList	View all material information	showMaterialList		
	showMaterialSingle X	View single material attribute	showMaterialSingle X		
	setMaterialDebugSwitch	Set material debug switch	setMaterialDebugSwitch		
	getProgramMatialList	Get program material list	getProgramMatialList [programId]		
	showProgramUseState	Program use state	showProgramUseState [programId]		
	showProgramSendState	Program release and use state	showProgramSendState [programId]		
	showProgramInsertState	Program insert state	showProgramInsertState [programId]		
	cleanProgramState	Clean all program use, release and insert state data			
	getProgram	Get program data on HDD	program page content file path: //dav2/program_%d		
	getScheduleIdOfTermianl	Get current terminal corresponding released schedule ID			
	deleteScheduleDB	Delete all schedule module database			
	showPublishXml	Show schedule, program and material xml in current release schedule			
	showScheduleList X	Show current schedule list	X is input parameter searching starting point[0, 1000], return 100 records at most		
	showScheduleSingle X	Show single schedule details	X is input schedule ID value, valid input parameter[1,1000]		
	deleteScheduleSingle X	Delete single schedule	X is schedule ID value to delete, valid input parameter[1,1000]		
	showPublishingTask	Show current schedule			
	showPublishPrograss	View schedule release progress			
	showSchedulePublishList X	Show schedule release record	X is input parameter searching starting point[0, 1000], return 100 records at most		
	setMaterialSizeSendToTerm X	Set transactional block size when material is sent between the server and the terminal	X is input parameter searching starting point[1, 16], represents 8K-128KB		
	showSchePubFailRecord	Show record of schedule releasing failures			
	showEhomeDevInfo	View ehome device information			
	showEhomeServerInfo	View current registered or bound device			
	showBootParms	View enable parameter			
	showDevBootTime	View and get device enable time			
	showDevHardInfo	View device hardware information			
	showSoftVersion	Version information			
	getGateway	Get gateway			
	getIp	Get IP			
	getTime	Get local time and system time			
	showHdinfo	View hardware information			
	showProductInfo	View product information			
	showIllegalAccessInfo	Get the number of invalid login			
	showUserInfo	Get online user parameter			
	showUserPara	Get user parameter			
	showOrganizeList 0	View all organization information			
	showWebserVerPara	View web version parameter			
	showWeatherAppCode	View weather authentication code usage			

Status Viewing	showWeatherList	View weather list				
	showswitchPlan	showswitchPlan 1-7: View scheduled startup/shutdown plan for seven days of a week, the plan for everyday would be the same if it is day plan				
	showvolumePlan	showvolumePlan 1-7: View timed volume plan for seven days of a week, the plan for everyday would be the same if it is day plan				
	showEhomeRegParam	showEhomeRegParam: View terminal register server state, including relevant information of terminal				
	ehomeclientDebug	ehomeclientDebug 1: View terminal register server state, whether the terminal is online or not				
	showIpcMngPara	showIpcMngPara: View terminal bond to ipc information				
	showProductInfo	showProductInfo: View terminal product information				
	showSoftVersion	showSoftVersion: View terminal version No.				
	app_mtd	Serial port debug command app_mtd -parameter -h get command help -read read mtd storage parameter -logo_off switch logo -logo_angle turn direction -w_bl_pwm_freq backlight pwm frequency -w_hik_force_hdmi force output HDMI mode -w_hik_clor_temp color temperature mode -w_hik_panel_type color temperature panel type -w_hik_panel_rgb_type panel rgb/wrgb attribute	app_mtd -parameter			
	showswitchPlan	showswitchPlan 1-7: View scheduled startup/shutdown plan for seven days of a week, the plan for everyday would be the same if it is day plan				
	showvolumePlan	showvolumePlan 1-7: View timed volume plan for seven days of a week, the plan for everyday would be the same if it is day plan				
	showEhomeRegParam	showEhomeRegParam: View terminal register server state, including relevant information of terminal				
	ehomeclientDebug	ehomeclientDebug 1: View terminal register server state, whether the terminal is online or not				
	showIpcMngPara	showIpcMngPara: View terminal bond to ipc information				
	showProductInfo	showProductInfo: View terminal product information				
	showSoftVersion	showSoftVersion: View terminal version No.				
Parameters Configuration	outputOpen	Print output				
	outputClose	Close print output				
	setDebugLevel x	Set print output level (Set print level as 1)	setDebugLevel 1			
	setIp	Set server Ip and subnet mask	setIp 10.11.96.182:255.255.255.0			
	setGateway	Set gateway	setGateway 10.11.96.254			
	app_pwm_freq	Search command -get get backlight power frequency -set set backlight power frequency	app_pwm_freq -parameter			
	open_ssh	Open ssh debug				
	close_ssh	Close ssh degug				