HIKVISION

Hikvision

2-Wire HD Intercom

Firmware Upgrade guide

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Introduction

It is recommended that the 2-wire HD Intercom devices are updated before final implementation to ensure optimal performance.



Please ensure that devices are upgraded in the order shown below.

Update the indoor station first, then the TDM module and finally the door station.

Upgrading Indoor Station

Method One – TF/SD card

- 1. Power off the indoor station.
- 2. Set the DEC knob for the indoor extension to 9 on the back of the device.
- 3. Copy the firmware file (digicap.dav) to the TF/SD card (please ensure the card is formatted to FAT32) and insert it into the indoor station.
- 4. Power on the indoor station, it will detect the TF/SD card with the firmware and prompt to select OK to upgrade.
- 5. After the upgrade has finished power the indoor station off and then on again, then enter the menu or long press the reset button for 10 seconds to restore all.

Method Two – Upgrade through the door station

- Connect your PC's Wi-Fi to the AP of the main door module, if you can't find the AP long
 press the left button on the main door module for 10s then release, you will hear a bleep,
 which means the AP mode has been enabled. Open browser and input the default IP
 192.168.8.1 or www.acsvis.com.
- 2. Go to Device Management and select 'Device Update'



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3. Select firmware file (digicap.dav) from local PC folder and press Import

Import Upgrading Package Select Device Select file and press Import Import Upgrading Package Import Import Upgrading Package Import Import Upgrading Package Import Import Upgrading Package Import Import Import	Device Upgrade	×
D D	1 Import Upgrading Package Import Upgrading Package	2 Select file and press Import
	The default name of upgrade package contail information. For example, VIS_INDOOR_APP_A2_CN_STD_V2.1.25_t that the upgrade package is applicable to A2 selecting device type incorrectly will cause up	1 2 uild211018 indicates series device. Note: grade failure.



4. Press Next, select indoor stations and press Upgrade.

Devic	e Upgrade		×
lasa su	Upgrading	2)evice
Pa	ackage		
Pa 2 is sel	ected. Serial No.	Current Version	Room No.
2 is sel	ected. Serial No. AE9259678	Current Version V2.2.32 build 231012	Room No. 1

	1 2		
Prev	ious	Upgrade	

5. After the upgrade has finished power the indoor station off and then on again, then enter the menu or long press the reset button for 10 seconds to restore all.



Upgrading TDM/TDE Module

Method

Step One – Connect to DS-KD-TDM/TDE Wi-Fi

- 1. The display module has a built in Wi-Fi access point. Find this in your PC's Wi-Fi access points and connect.
- 2. SSID is: AP_device serial number
- 3. Password will be the door station activation password that has been set at activation or AP_device serial number.

Step Two – Upgrading device

- 1. Add device in iVMS4200. The default IP address of touch display module is 192.168.8.253
- 2. When prompted for user name and password use the following:
 - a. User admin
 - b. Password AP_device serial number or door station activation password

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ce	Name 🇘	Connection T	Network Param	Device Type	Serial No.	Security Leve	Resource Us	Firmware Upgrade	Operation				
	KD8003-TDM	IP/Domain	192.168.1.30:80	Door Station	DS-KD8003-IME10120190	Strong	🕑 Online						
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t Management													
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		Select	Device							Sei	ect Add		
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	C Refresh Every 60s.	Export Device	2								Total (7)	Filter	
	IPv4 //	IPv6	Device Model		Firmware Version	Security	Port Enhan	ce Serial No.	В	oot Time	Added Supp	Hik-Conn	Operation
	192,168.1.31		DS-KH8350-WTE1	I/EU	V2.1.34build 211118	Active	8000 N/A	231970646	2	022-08-15 13	No Yes	Close	• •
	192,168.1.32		DS-KH6320-WTE1	I/EU	V2.1.34build 211118	Active	8000 N/A	231970776	2	022-08-15 <mark>13</mark>	No Yes	Close	
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	192.168.8.253		DS-KD-TDM		V1.0.1build 220607	Active	8000 N/A	DS-KD-TDM01202103	105RRF62065188 1	970-01-01 00	No N/A	N/Å	• <i>2</i>
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Step Three – Selecting and uploading firmware

1. Once added to iVMS4200, press the remote configuration icon to the right

🔱 iVMS-4200	
Maintenance and	Management 💿 🔄 Access Control
=	Device
Device Management	+ Add Q Online Device X Delete 🗱 QR Code 🗘 Upgrade(0) 🖓 Refresh 🗎 Get Events from Device Export Device
	Name 🗘 Connection T Network Param Device Type Serial No. Security Level Resource Us Firmware Upgrade Operation
Device	🗌 KD8003-TDM 19/Domain 192.168.1.3060 Door Station DS-KD8003-IME10120190 Strong 📀 Online No available version 🗵 🚱 🔶 🖓
Group	🔲 TDM IP/Domain 192.168.8.253.8 Door Station DS-KD-TDM0120210305R Strong 📀 Online No available version 🗵 🙆 🥄 🖯
	Remote Configuration
Event Configuration •	
Storage Schedule	Press remote configuration

Figure 1.2 – Entering remote configuration

- 2. Go to System Maintenance
 - a. Select file and press upgrade

Remote Configuration		×
🔹 🚳 System	System Maintenance	
Device Information		
🎯 General	System Management	
🎡 Time	Reboot	
System Maintenance	Restore Default Settings Select file	
🖗 User 🕨	Import Configuration File	
68 R\$485	Export Configuration File	
@ N3405	Remote: Upgrade	
Intercom	Select Type Upgrade File:	
• 🚱 Network		
 View Scale 	Select File	pgrade
• 🚳 CCD	Process	
		Press upgrade
	System Type	
	Fuil Digital System + Save	
System maintena		
	English 💌 Save	

3. Once upgrade has completed select 'Restore All' under System Maintenance.



Upgrading Door Station

Method

- Connect your PC's Wi-Fi to the AP of the main door module, if you can't find the AP long
 press the left button on the main door module for 10s then release, you will hear a bleep,
 which means the AP mode has been enabled. Open browser and input the default IP
 192.168.8.1 or www.acsvis.com.
- 2. Go to maintenance and security/upgrade and select 'Controller' from the drop down selector

and the second se			opgrade	Backup and Reset	Device Debuggi	ng	
		 Note: The upgradi 	ing process will I	ast 3 to 10 minutes. Do no	ot power off the devi	ce during the process. Th	te device will reboot automatically after upgrading.
Person anagement							
			Firmware Ve	ersion V1.0.1 build 23090	8		
Device anagement		Local Upgrade					
©			Upgrade Se	ttings Controller			^
nfiguration			Upgrad	e File		•	
aintenance				Sub Modules			
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						Select Con	troller Module
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elect firm start e: The upgrade	mware file (di Upgrade Ba ling process will last 3 t Firmware Version	gicap.dav) ckup and Reset o 10 minutes. Do V1.0.1 build 230) from Devi p not power	local PC fol	der and	press upgr	reboot automatically after upgrading Select file and then u
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elect firm start :: The upgrade	mware file (di Upgrade Ba ling process will last 3 t Firmware Version Upgrade Settings	gicap.dav) ckup and Reset o 10 minutes. Do V1.0.1 build 230) from Devi Devi Devi Devi Devi Devi Devi Devi	local PC fol	der and	press upgr	rade reboot automatically after upgrading Select file and then u

4. Once upgrade has completed select 'Restore All' under Maintenance – backup and Reset. Or press and hold the hard reset button for 15 seconds until you hear 2 beeps.

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