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## Description

Face recognition terminals, K1T604/605/606 series or K5603-Z have two different firmware in device: MCU and ARM. ARM is for device program, MCU is for Micro-controller. We need upgrade both ARM and MCU when new version released, remember upgrade MCU first, then upgrade ARM. MCU needs SDK demo to upgrade, ARM can be upgraded by either SDKdemo or 4200.

## Steps

1. Add device to SDKdemo:

ersion Info		
build 20170329 HCNetSDK V5.2.7.20 PlayCtrl V7.3.2.80	Config Preview Playback Management Others Product Related Exit	
😚 Device Tree(Right Click		
	VCA Capacity     VCA Channel     0     Basic Behavior     0     Advanced Behavior     0	
	Full Behavior	
	Plate Local Node 605	
	Face Snap Device Address 10.9.98.100	
	Perimeter Prisc Port 8000	
	SMART+Load De Username admin Password	
	Get IP of Device on DDNS Get IP	
	Vca Chan Eq DDNS Address www.hiddns.com DDNS Port 80	
	Vca Key Pa Device Serial Number E0120110526CCRR403594603	
	Diagnostic S Device Name/Alias	
	Vca decor (IPserver use device name ,hiDDNS use alias)	
	Add Cancel Activate	

2. Click **Management > Upgrade** to enter upgrade interface.

🛃 ClientDemo							
Version Info build 20170329 HCNetSDK V5.2.7.20 PlayCtrl V7.3.2.80	Config Prev	view Playback	Time Correcti		duct Related	Exit	
	VCA Capacity VCA Channel	0     Basic Behavior       0     Prision Behavior       0     TPS       0     PDC       0     Face Recog       0     Face Snap and	Format Reboot Shut Down Query Log Device State Restore Defau Complete Res Behavior [0	ult	or 0 0 0 0 0 0		1
	Vca Chan Control	Pu Stream	Target Add	Restart Vca Lib			
	Vca Key Param	Vca Lib Version	Other	Vca Rule			
	Diagnostic Server	Position Rule	BV Calibration	BV Correct			
	Vca decode						

3. Upgrade MCU first, choose upgrade type as ACS, Acs No. as 20003, and choose MCU Net.bin

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## firmware to upgrade.

ClientDemo		
Version Info build 20180119 HCNetSDK V5.3.5.15 PlayCtrl V7.3.5.30	Config Preview Playback Management Others Product Related Exit choose 'upgrade'	
Device Tree(Right Click     10.16.112.171     Graners1		PTZ Up Left Right Down Zoom + Focus + Focus + Fris - Preset I V Preset I V Prese
	Play         Record         Snapshot         Create I Frame         Window         4         Network         More Realtime         Image: Create I Frame         Image: Create I Frame	Contrast
	Time State Operation Device Info Error Info A	Local Log C Alarm Infc

🛃 ClientDemo						
ClientDemo  Version Info build 20170329 HCNetSDK V5.2.7.20 PlayCtrl V7.3.2.80  Device Tree(Right Click I  605	VCA Aarm Hoat   C VCA Capacity VCA Capacity VCA Channel Full Behavior ITS Plate Face Sn Perimete SMART+Lo	DVR/NVR/DVS   CV 0 Basic 0 Prision 0 TPS Update rk LAN Acs N	/R     Decode CFG     IPC/IPD CFG       Behavior     0       1 Behavior     0       0 Beha	Advanced Behavior 0 ATM 0 TFS 0 ACS V Keyboard V 506 K Browse	Exit	1
	Vea K Diagno Vea Vea 18-06-26 00:37:02 18-06-26 00:37:01 18-05-26 00:37:01	SUCC NET_DVR	Exit 	Device Info [10.9.98.100]-[605] [10.9.98.100]-[605] [10.9.98.100]-[605]	Error Info	C Local Log C Alarm Info     Clean Save     Log Config test

4. After MCU has been upgraded, then upgrade ARM. Choose upgrade type as ACS, Acs No. as 0, and choose ARM firmware to upgrade.

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💑 ClientDemo		
Version Info build 20180119 HCNetSDK V5.3.5.15 PlayCtrl V7.3.5.30	Config Preview Playback Management Others Product Related Exit	
E Device Tree(Right Clck I E 10.16.112.171	Remote Update       Network       LAN       Setup Network       upgrade       Firmware       C: Users (wuqanyi Desktop \560.3B)[F] (Jagrade torp       FuzzyUpgrade       Get upgrade info	PTZ Up Left Right Down - Zoom + - Focus + + Iris - PTZ Speed 1 ▼ PTZ Sequence 1 ▼ Call Setup PTZ Sequence 1 ▼ Call Setup Del PTZ Pattern ID 1 ▼ Start Stop Delete Delete all Tour Track stop PTZ Park action Fabble manual Track Tvoe ▼ Brightness ↓ Contrast
	Play         Record         Snapshot         Create I Frame         Window         4         Network         More Realtime         Image: Constraint of the state of the s	Saturation

5. Reboot device after upgrade:

Version Info	1							
build 20170329	Config Prev	riew Playback I	Management Others	Product R	lated	Exit		
HCNetSDK V5.2.7.20	Prev		vanagement Others	Product Re		Exit		
PlayCtrl V7.3.2.80			Time Correction					
🌍 Device Tree(Right Click	VCA Alarm Host DVF	NVR/DVS CVR Decc	Upgrade	5 VIS	DH			
605	VCA Capacity		Format					
	VCA Channel (	) Basic Behavior	Reboot	lavior	0			
	Full Behavior	Prision Behavior	Shut Down		0			
	ITS	D TPS	Query Log		0			
	Plate	PDC	Device State	d Recog	0			
	-		Restore Default	a necog	1-			
	Face Snap 0	Face Recog	Complete Restore		0			
	Perimeter Prison	Face Snap and Beh		Мар	0			
	SMART+Load Detection 0	SMART+Face Dete	ction 0 SMA	RT+Heat Map	0			
	1							
	Vca Chan Control	Pu Stream	Target Add F	lestart Vca Lib				
	Vca Key Param	Vca Lib Version	Other	Vca Rule				
		Position Rule	BV Calibration	BV Correct				
	Diagnostic Server							
	Vca decode							
			]					
			/					
	Vca decode           Time         S	itate Operation		Device Int		Error Info	G Local Log C	Alarm
	Time         S           18-06-26 00:37:02         S		Progress= [100] Progress= [68]		100]-[605]	Error Info	C Local Log C	Alarm

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