

Device Network SDK Programming Manual

NET_DVR_DEVICEINFO_V30

Structure of device parameters.

```

struct{
    BYTE    sSerialNumber[SERIALNO\_LEN];
    BYTE    byAlarmInPortNum;
    BYTE    byAlarmOutPortNum;
    BYTE    byDiskNum;
    BYTE    byDVRType;
    BYTE    byChanNum;
    BYTE    byStartChan;
    BYTE    byAudioChanNum;
    BYTE    byIPChanNum;
    BYTE    byZeroChanNum;
    BYTE    byMainProto;
    BYTE    bySubProto;
    BYTE    bySupport;
    BYTE    bySupport1;
    BYTE    bySupport2;
    WORD    wDevType;
    BYTE    bySupport3;
    BYTE    byMultiStreamProto;
    BYTE    byStartDChan;
    BYTE    byStartDTalkChan;
    BYTE    byHighDChanNum;
    BYTE    bySupport4;
    BYTE    byVoiceInChanNum;
    BYTE    byStartVoiceInChanNo;
    BYTE    bySupport5;
    BYTE    bySupport6;
    BYTE    byMirrorChanNum;
    WORD    wStartMirrorChanNo;
    BYTE    bySupport7;
    BYTE    byRes2;
}NET_DVR_DEVICEINFO_V30,*LPNET_DVR_DEVICEINFO_V30;

```

Members

sSerialNumber
Serial number

byAlarmInPortNum
The number of alarm inputs

byAlarmOutPortNum
The number of alarm outputs

byDiskNum
The number of HDDs

~~*byDVRType*
Device type, see details in the "Remarks".~~

byChanNum
The number of analog channels. And the max number of IP channels equals to the value of dwDChanNum got by calling NET_DVR_GetDVRConfig(command: NET_DVR_GET_IPPARACFG_V40)

byStartChan
Start channel No., starts from 1. The start IP channel No. is the value of dwStartDChan got by calling NET_DVR_GetDVRConfig(command: NET_DVR_GET_IPPARACFG_V40)

byAudioChanNum
Number of two-way audio channels

byIPChanNum
The maximum number of digital channels

byZeroChanNum
The number of zero channels

byMainProto
Transmission protocol type of main stream: 0- private, 1-RTSP, 2-private and RTSP.

bySubProto
Transmission protocol type of sub stream: 0- private, 1- rtsp, 2-private and RTSP.

bySupport

Capability, if the result of bit by bit is 0, it means not support, and 1 means support.
 bySupport & 0x1: whether it supports intelligent searching
 bySupport & 0x2: whether it supports backup
 bySupport & 0x4: whether it supports getting ability of compression parameters
 bySupport & 0x8: whether it supports multi network card
 bySupport & 0x10: whether it supports SADP
 bySupport & 0x20: whether it supports RAID card
 bySupport & 0x40: whether it IP SAN content searching
 bySupport & 0x80: whether it supports rtp over RTSP

bySupport1

Extended capability set, if the result of bit by bit is 0, it means not support, and 1 means support.

bySupport1 & 0x1, whether it supports snmp v30
 bySupport1 & 0x2, whether it supports distinguish between playback and download
 bySupport1 & 0x4, whether it supports arming priority
 bySupport1 & 0x8, whether it supports arming time period extension
 bySupport1 & 0x10, whether it supports multi disks (more than 33)
 bySupport1 & 0x20, whether it supports rtsp over http
 bySupport1 & 0x40, whether it supports delay live view
 bySupport1 & 0x80, whether it supports the new type of alarm information for intelligent traffic camera, It is also indicates whether to support the configuration of [NET DVR IPPARACFG V40](#)

bySupport2

Extended capability set, if the result of bit by bit is 0, it means not support, and 1 means support. This field is not supported when login via ISAPI protocol.

bySupport2 & 0x1, whether the decoder supports to get the stream by URL bySupport2 & 0x2, support FTPV40. bySupport2 & 0x4, support ANR.

wDevType

Device type, see details in the "Remarks"

bySupport3

Extended capability set, if the result of bit by bit is 0, it means not support, and 1 means support. This field is not supported when login via ISAPI protocol.

bySupport3 & 0x1: whether it supports multi-stream
 bySupport3 & 0x4: whether it supports configuration by group, including: image parameters of channels, alarm input, IP alarm input/output access, user parameters, device status, JPEG capture, Timing and capture by time, HDD group management and so on
 bySupport3 & 0x20: whether it supports getting stream by DDNS

byMultiStreamProto

Whether supports multi-stream: 0- not support, 1-support, bit1-stream 3, bit2-stream4, bit7-main stream, bit8-sub-stream

byStartDChan

Start digital channel No., 0-invalid

byStartDTalkChan

Start digital two-way audio channel No., 0-invalid.

byHighDChanNum

Number of digital channels, high-bit is valid.

bySupport4

0-not support, 1-support:

bySupport4 & 0x1: whether it supports all type of stream, RTSP, private protocol
 bySupport4 & 0x10: whether it supports to mount network HDD by domain name.

byVoiceInChanNum

Number of audio input channels.

byStartVoiceInChanNo

Start audio input channel No., 0-invalid.

byMirrorChanNum

Number of mirror channels.

wStartMirrorChanNo

Start mirror channel No.

byRes2

Reserved, set to 0.

Remarks

- There are two methods to search for log: Hikvision private protocol and ISAPI protocol. Hikvision private protocol is designed based on TCP (Transmission Control Protocol)/IP (Internet Protocol), and most of the Hikvision network products (except some specific products) support login via private protocol (the default login port No. is 8000, which is also the device service port), so this login mode is suggested.

The design of OPEN ISAPI (Intelligent Security API) protocol adopts the RESTful style and is based on HTTP (Hyper Text Transport Protocol) or HTTPS, so the login port should be the HTTP port (default: 80) or HTTPS port (default: 443) of Hikvision devices. For HikFalcon series servers, HikBlade series servers, and so on, only login via OPEN ISAPI protocol is supported.

- When logging in via ISAPI protocol, the following parameters are not supported: byMainProto, bySubProto, bySupport, bySupport1, bySupport2, bySupport3, bySupport4, bySupport5, bySupport6, bySupport7, byMultiStreamProto, byStartDTalkChan, byVoiceInChanNum, byStartVoiceInChanNo, byMirrorChanNum, and wStartMirrorChanNo
- If byDVRType=0, the value of wDevType will be regarded as the device type; if byDVRType!=0, the values of byDVRType and wDevType are same.
Adopting the values of wDevType as device type is recommended, see the values of byDVRType and wDevType in the following table:

Macro Definition	Value	Device Type
DVR	1	Undefined device type
ATMDVR	2	ATM DVR
DVS	3	Encoder
DEC	4	6001D
ENC_DEC	5	6001F
DVR_HC	6	8000HC
DVR_HT	7	8000HT
DVR_HF	8	8000HF
DVR_HS	9	8000HS DVR(no audio)
DVR_HTS	10	8016HTS DVR(no audio)
DVR_HB	11	HB DVR(SATA HD)
DVR_HCS	12	8000HCS DVR
DVS_A	13	Encoder with ATA HD
DVR_HC_S	14	8000HC-S
DVR_HT_S	15	8000HT-S
DVR_HF_S	16	8000HF-S
DVR_HS_S	17	8000HS-S
ATMDVR_S	18	ATM-S
LOWCOST_DVR	19	7000H series DVR
DEC_MAT	20	Multi-channel decoder
DVR_MOBILE	21	mobile DVR
DVR_HD_S	22	8000HD-S
DVR_HD_SL	23	8000HD-SL
DVR_HC_SL	24	8000HC-SL
DVR_HS_ST	25	8000HS_ST
DVS_HW	26	6000HW
DS630X_D	27	Multi-channel decoder
DS640X_HD	28	640X HD decoder
DS610X_D	29	610X decoder
IPCAM	30	IP camera
MEGA_IPCAM	31	DS-2CDX52MF series megapixel IP camera
IPCAM_X62MF	32	DS-2CDX62MF series 1.3 megapixel IP camera

ITCCAM	35	Intelligent HD IPC
ZOOMCAM	38	Zoom camera
IPDOME	40	IP speed dome
IPDOME_MEGA200	41	2 megapixel IP speed dome
IPDOME_MEGA130	42	1.3 megapixel IP speed dome
TII_IPCAM	44	Thermal network camera
IPMOD	50	IP module
IDS6501_HF_P	60	6501 license plate recognition
IDS6101_HF_A	61	Intelligent ATM
IDS6002_HF_B	62	Dual-camera tracking: DS6002-HF/B
IDS6101_HF_B	63	Behavior analysis: DS6101-HF/B
IDS52XX	64	Intelligent analyzer
IDS90XX	65	9000 intelligent
IDS8104_AHL_S_HX	66	HX face recognition ATM
IDS8104_AHL_S_H	67	Private face recognition ATM
IDS91XX	68	9100 intelligent
IIP_CAM_B	69	Intelligent behavior IPC
DS71XX_H	71	DS71XXH_S
DS72XX_H_S	72	DS72XXH_S
DS73XX_H_S	73	DS73XXH_S
DS72XX_HF_S	74	DS72XX_HF_S
DS73XX_HFI_S	75	DS73XX_HFI_S
DS76XX_H_S	76	DS76XX_H_S
DS76XX_N_S	77	DS76XX_N_S
DS81XX_HS_S	81	DS81XX_HS_S
DS81XX_HL_S	82	DS81XX_HL_S
DS81XX_HC_S	83	DS81XX_HC_S
DS81XX_HD_S	84	DS81XX_HD_S
DS81XX_HE_S	85	DS81XX_HE_S
DS81XX_HF_S	86	DS81XX_HF_S
DS81XX_AH_S	87	DS81XX_AH_S
DS81XX_AHF_S	88	DS81XX_AHF_S
DS90XX_HF_S	90	DS90XX_HF_S
DS91XX_HF_S	91	DS91XX_HF_S
DS91XX_HD_S	92	91XXHD-S(MD)
IDS90XX_A	93	9000 intelligent ATM
IDS91XX_A	94	9100 intelligent ATM
DS95XX_N_S	95	DS95XXN-S NVR
DS96XX_N_SH	96	DS96XXN-SH NVR
DS90XX_HF_SH	97	DS90XX_HF_SH
DS91XX_HF_SH	98	DS91XX_HF_SH
DS_65XXHC		

	105	65XXHC Encoder
DS_65XXHC_S	106	65XXHC-SATA Encoder
DS_65XXHF	107	65XXHF Encoder
DS_65XXHF_S	108	65XXHF-SATA Encoder
DS_6500HF_B	109	DS-65XX series bracket mount DVR
IVMS_6200_C	110	iVMS-6200(/C)
IVMS_6200_B	111	iVMS-6200(/B)
DS_72XXHV_ST15	112	72XXHV_ST15 DVR
DS_72XXHV_ST20	113	72XXHV_ST20 DVR
IVMS_6200_T	114	IVMS-6200(/T)
IVMS_6200_BP	115	IVMS-6200(/BP)
DS_81XXHC_ST	116	DS_81XXHC_ST
DS_81XXHS_ST	117	DS_81XXHS_ST
DS_81XXAH_ST	118	DS_81XXAH_ST
DS_81XXAHF_ST	119	DS_81XXAHF_ST
DS_66XXDVS	120	DS-66XX Encoder
DS_1964_B10	121	Integrated video platform internal alarm
DS_B10N04_IN	122	Integrated video platform internal cascading input
DS_B10N04_OUT	123	Integrated video platform internal cascading output
DS_B10N04_INTEL	124	Integrated video platform internal smart
DS_6408HFH_B10E_RM	125	V6 HD
DS_B10N64F1_RTM	126	V6 cascading without DSP
DS_B10N64F1D_RTM	127	V6 cascading with DSP
DS_B10_SDS	128	Integrated video platform sub-domain controller
DS_B10_DS	129	Integrated video platform domain controller
DS_6401HFH_B10V	130	VGA HD encoder
DS_6504D_B10B	131	Integrated video platform internal SD decoder
DS_6504D_B10H	132	Integrated video platform internal HD decoder
DS_6504D_B10V	133	Integrated video platform internal VGA decoder
DS_6408HFH_B10S	134	Integrated video platform SDI sub-board
DS_18XX_N	135	Matrix access gateway
DS_6504HF_B10F_CLASS	136	Optical fiber transceiver SD
DS_18XX_PTZ	141	Network stream splitter product
DS_19AXX	142	General alarm host
DS_19CXX	144	Self-service bank alarm host
DS_19DXX	145	Rotary ring surveillance alarm host
DS_19XX	146	1900 serial alarm host

DS_1HXX	148	ATM safety cabin controller
DS_PEAXX	149	Emergency alarm product
DS_PWXX	150	Wireless alarm host
DS_PMXX	151	4G network module
DS_19DXX_S	152	Video power supply monitoring host
DS_C10H	161	Multi-screen controller
DS_C10N_BI	162	BNC processor
DS_C10N_DI	163	RGB processor
DS_C10N_SI	164	Stream processor
DS_C10N_DO	165	Display processor
DS_C10N_SERVER	166	Distributed server
IDS_8104_AHFL_S_H	171	8104ATM
IDS_65XX_HF_A	172	65 ATM
IDS90XX_HF_RH	173	9000 intelligent RH
IDS91XX_HF_RH	174	9100 intelligent RH device
IDS_65XX_HF_B	175	65 behavior analysis
IDS_65XX_HF_P	176	65 license plate recognition
IVMS_6200_F	177	IVMS-6200(/F) face analyzer
IVMS_6200_A	178	iVMS-6200(/A)
IVMS_6200_F_S	179	IVMS-6200(/F_S) face post-search analyzer
DS90XX_HF_RH	181	DS90XX_HF_RH
DS91XX_HF_RH	182	9100 RH
DS78XX_SE	183	DVR_78se
DS81XXHW_S	185	DVR_81XXHW_S
DS81XXHW_ST	186	DVR_81XXHW_ST
DS91XXHW_ST 187	187	DVR_91XXHW_ST
DS91XX_ST	188	DVR_91XX_ST
DS81XX_ST	189	DVR_81XX_ST
DS81XXH_ST	190	DS81XXHDI_ST,DS81XXHE_ST
DS73XXH_ST	191	DS73XXHI_ST
DS81XX_SX	192	Inquest 81SNL,81SH,81SFH
DS96XXN_ST	194	NVR: DS96xxN_ST
DS86XXN_ST	195	NVR: DS86xxN_ST
DS80XXHF_ST	196	DVR: DS80xxHF_ST
DS90XXHF_ST	197	DVR: DS90xxHF_ST
DS76XXN_ST	198	NVR: DS76xxN_ST
DS_9664N_RX	199	NVR: DS-9664N-RH, DS-9664N-RT
ENCODER_SERVER	200	encode card server
DECODER_SERVER	201	Decode card server
PCNVR_SERVER	202	PCNVR storage server
CVR_SERVER	203	Brainaire CVR

DS_91XXHFH_ST	204	91HD-SDI DVR
DS_66XXHFH	205	66 HD encoder
TRAFFIC_TS_SERVER	210	Terminal server
TRAFFIC_VAR	211	Video analyzer recorder
IPCALL	212	IP video intercom host
SAN_SERVER	213	SAN(same program with CVR_SERVER, different mode)
DS_B11_M_CLASS	301	B11
DS_B12_M_CLASS	302	B12
DS_6504HF_B11_CLASS	303	B11 internal encoder
DS_6504HF_B12_CLASS	304	B12 internal encoder
DS_6401HFH_B11V_CLASS	305	VGA HD
DS_6401HFH_B12V_CLASS	306	VGA HD
DS_6408HFH_B11S_CLASS	307	SDI
DS_6408HFH_B12S_CLASS	308	SDI
DS_6504D_B11H_CLASS	309	B11 internal HD decoder
DS_6504D_B11B_CLASS	310	B11 internal SD decoder
DS_6504D_B12B_CLASS	311	B12 internal SD decoder
DS_6504D_B11V_CLASS	312	B11 internal VGA decoder
DS_6504D_B12V_CLASS	313	B12 internal VGA decoder
DS_6401HFH_B10R_CLASS	314	B10 RGB HD
DS_6401HFH_B10D_CLASS	315	B10 DVI HD
DS_6401HFH_B10H_CLASS	316	B10 HDMI HD
DS_6401HFH_B11R_CLASS	317	B11 RGB HD
DS_6401HFH_B11D_CLASS	318	B11 DVI HD
DS_6401HFH_B11H_CLASS	319	B11 HDMI HD
DS_6401HFH_B12R_CLASS	320	B12 RGB HD
DS_6401HFH_B12D_CLASS	321	B12 DVI HD
DS_6401HFH_B12H_CLASS	322	B12 HDMI HD
DS_65XXD_B10Ex_CLASS	323	B10 netra HD decoder
DS_6516HW_B10_CLASS	324	B10 netra HD encoder
DS_6504D_B11Ex_CLASS	328	B11 netra HD decoder
DS_6504D_B12Ex_CLASS	329	B12 netra HD decoder
DS_6512_B11_CLASS	330	B11 netra HD encoder
DS_6512_B12_CLASS	331	B12 netra HD encoder
DS_6504D_B10H_CLASS	332	Integrated video platform internal HD decoder
DS_65XXT_B10_CLASS	333	Integrated video platform transcoding sub-system
DS_65XXD_B10_CLASS	335	Integrated video platform universal decoder board
DS_IVMSE_B10X_CLASS	336	X86 server sub-system
DS_6532D_B10ES_CLASS	337	Enhanced decoder board_SD(B10)

DS_6508HFH_B10ES_CLASS	338	SDI input encoder usb-system
DS_82NCG_CLASS	340	Sub-system in network gateway
DS_82VAG_CLASS	341	Sub-system in network gateway
DS_1802XXF_B10_CLASS	342	Optical switching sub-system
iDS_6504_B10EVAC_CLASS	343	Smart sub-system
iDS_6504_B10EDEC_CLASS	344	Smart sub-system
DS_6402HFH_B10EV_CLASS	345	netra encoder(VGA)
DS_6402HFH_B10ED_CLASS	346	netra encoder(DVI)
DS_6402HFH_B10EH_CLASS	347	netra encoder(HDMI)
DS_6404HFH_B10T_RX_CLASS	348	Optical fiber access encoder
DS_6504D_AIO_CLASS	349	netra HD decoder
DS_IVMST_B10_CLASS	350	X86 transcoding sub-system
DS_6402_AIO_CLASS	351	netra encoder
DS_iVMSE_AIO_CLASS	352	x86 server sub-system
DS_AIO_M_CLASS	353	All-in-one server
DS_6508HF_B10E_CLASS	355	BNC input encoder sub-system
DS_6404HFH_B10ES_CLASS	356	SDI input encoder sub-system
DS_6402HFH_B10ER_CLASS	358	RGB input encoder sub-system
DS_6404HFH_B10T_RM_CLASS	361	Optical fiber input encoder sub-system
DS_6516D_B10EB_CLASS	362	BNC output decoder sub-system
DS_6516D_B10ES_CLASS	363	SDI output decoder sub-system
DS_6508_B11E_CLASS	365	BNC input encoder sub-system
DS_6402_B11ES_CLASS	366	SDI input encoder sub-system
DS_6402_B11EV_CLASS	367	VGA input encoder sub-system
DS_6402_B11ER_CLASS	368	RGB input encoder sub-system
DS_6402_B11ED_CLASS	369	DVI input encoder sub-system
DS_6402_B11EH_CLASS	370	HDMI input encoder sub-system
DS_6516D_B11EB_CLASS	371	BNC output decoder sub-system
DS_6516D_B11ES_CLASS	372	SDI output decoder sub-system
DS_6508_B12E_CLASS	373	BNC input encoder sub-system
DS_6402_B12ES_CLASS	375	SDI input encoder sub-system
DS_6402_B12EV_CLASS	376	VGA input encoder sub-system
DS_6402_B12ER_CLASS	377	RGB input encoder sub-system
DS_6402_B12ED_CLASS	378	DVI input encoder sub-system
DS_6402_B12EH_CLASS	379	HDMI input encoder sub-system
DS_6516D_B12EB_CLASS	380	BNC output decoder sub-system
DS_iVMSE_AIO_8100x_CLASS	381	Finance all-in-one server X86 sub-system
DS_iVMSE_AIO_87x_CLASS	382	Smart building all-in-one server X86 sub-system
DS_6532D_B11ES_CLASS	384	Enhanced decoder board_SDI(B11)
DS_6532D_B12ES_CLASS	385	Enhanced decoder board_SDI(B12)
DS_B20_MSU_NP	400	B20 main control board

DS_6416HFH_B20S	401	SDI input encoder
DS_6416HFH_B20_RM	402	Optical fiber input HD encoder
DS_6564D_B20D	403	DVI decoder
DS_6564D_B20H	404	HDMI decoder
DS_6564D_B20V	405	VGA decoder
DS_B20_6516D_DEV_CLASS	406	B20 decoder sub-system
DS_6408HFH_B20V	407	VGA encoder board
DS_MMC_B20_CLASS	408	B20 main control
DS_CARD_CHIP_B20_CLASS	409	B20 main control sub-board
DS_6564D_B20B_DEV_CLASS	410	BNC decoder sub-system
DS_6564D_B20S_DEV_CLASS	411	SDI decoder sub-system
DS_6532HF_B20B_DEV_CLASS	412	BNC encoder sub-system
DS_6408HFH_B20D_DEV_CLASS	413	DVI encoder sub-system
DS_6408HFH_B20H_DEV_CLASS	414	HDMI encoder sub-system
DS_IVMSE_B20_CLASS	415	X86 server sub-system
DS_6402HFH_B20Y_DEV_CLASS	416	YUV encoder sub-system
DS_6508HW_B20_DEV_CLASS	417	HW encoder sub-system
DS_B20N128Fx_B20_DEV_CLASS	418	DS_B20N128Fx_M cascading board
DS_AIO_MCU_NP_DEV_CLASS	419	IO main control board
DS_6402_AIO_EV_DEV_CLASS	420	VGA encoder
DS_6508D_AIO_EV_DEV_CLASS	421	VGA decoder
DS_6508D_AIO_ED_DEV_CLASS	422	DVI decoder
DS_6508D_AIO_EH_DEV_CLASS	423	HDMI decoder
DS_6508HD_B20F_DEV_CLASS	424	Video enhancement board
DS_6402HFH_B20ES_DEV_CLASS	425	3G SID encoder
DS_6532D_B20_DEV_CLASS	426	B20 decoder sub-system
DS_IVMST_B20_DEV_CLASS	427	X86 server sub-system
DS_6416HFH_B20DD_DEV_CLASS	428	DVI dual-link
DS_6441VS_B20_DEV_CLASS	429	Camera splicing type
DS_6404HFH_B20T_CLASS	431	TVI
DS_FS22_B20_DEV_CLASS	432	Switch sub-system
DS_IVMSE_B20UH_DEV_CLASS	433	Ultra HDX86 input
DS_6404HFH_B20Fx_DEV_CLASS	436	Optical transceiver access sub-system
DS_N128x_B20Fy_CLASS	437	Cascading sub-system
DS_181600F_B20_CLASS	438	Network optical fiber sub-system
DS_6904UD_B20H_CLASS	439	Ultra HD decoder sub-system
DS_B21_MCU_NP_CLASS	440	B21 main control
DS_B21_S10_x_CLASS	441	B21 cabinet x = A/S/D
DS_6402HFH_B21D_CLASS	442	B21 encoder sub-system
DS_6508HD_B21D_CLASS	443	B21 decoder sub-system
DS_iVMSE_B21HW_CLASS	444	B21 X86 sub-system
DS_C10S		

	501	C10S integrated screen controller
DS_C10N_SDI	551	SDI processor
DS_C10N_BIW	552	8-ch BNC processor
DS_C10N_DON	553	Display processor
DS_C10N_TVI	554	TVI input board
DS_C10N_DI2	555	DVI 2-ch input board
DS_C10N_AUDIO_OUT	556	DVI, HDMI, VGA output board with audio
DS_C10N_AUDIO_IN	557	DVI, HDMI, VGA input board with audio
DS_C20N	570	Distributed screen controller
DS_C20N_BNC	571	BNC input device
DS_C20N_DVI	572	DVI input device
DS_C20N_DP	573	DP input device
DS_C20N_OUT	574	output device
DS_19M00_MN	601	100M network module of alarm host
DS_KH8302_A	602	Indoor device
DS_KD8101_2	603	Door device
DS_KM8301	604	Management device
DS_KVXXXX_XX	605	Villa door device
DS64XXHD_T	701	64-T HD decoder
DS_65XXD	703	DS-65xxD decoder
DS63XXD_T	704	63-T SD decoder
SCE_SERVER	705	Capture server
DS_64XXHD_S	706	DS-64xxHD-S HD decoder
DS_68XXT	707	Multi-function video & audio transcoder
DS_65XXD_T	708	65D-T universal decoder
DS_65XXHD_T	709	65HD-T universal decoder
DS_69XXUD	710	69XXUD ultra HD decoder
DS_65XXUD	711	65XXUD decoder
DS_65XXUD_L	712	65XXUD_L decoder
DS_65XXUD_T	713	65XXUD_T decoder
DS_D20XX	750	LCD screen decoding card
DS_C50S	751	SDI matrix
DS_D50XX	752	LCD screen decoding card
DS_D40	760	LED screen transmission card
DS_65VMXX	770	Video conference server
DS_65VTXX	771	Video conference terminal
DS_65VTA	772	Video conference all-in-one terminal
DS_65VT_RX	773	Interactive teaching terminal
DS_CS_SERVER	800	Virtual screen server
DS_K260X	850	Access controller
DS_K1TXXX	851	Fingerprint all-in-one server
DS_K280X		

	852	Economical access controller
DS_K1T80X	854	Economical access control all-in-one server
RAC_6X00	856	Hundre fingerprint access control all-in-one server
DS_K2602_AX	857	Personnel channel host
DS_K1T803F	858	Economical fingerprint access control product
DS_K2700	859	Distributed 3-layer architecture access controller
DS_K270X	860	Distributed 3-layer architecture local controller
DS_K1T500S	861	Video access control all-in-one server
DS_K1A801F	862	Fingerprint access controller
DS_K1T600X	863	Face recognition access control terminal
DS_K22X	864	Elevator controller
DS_K2M0016AX	865	Distributed elevator controller
DS_6800M	900	68M stream merger
DS_68NTH	901	Information release host
DS_D60S	902	Information release server
DS_D10	931	DLP device
DS_3K0X_NM	951	Optical fiber transceiver
DS_3E2328	952	100M switch
SCREEN_LINK_SERVER	971	screen server
DS_D51OPSXX	972	OPS computer box
IP_PTSYS_MEGA200	1001	IP 2MP integrated PTZ
IPCAM_FISHEYE	1002	Fisheye camera
IPCAM_FISHEYE_E	1003	Economical Fisheye camera
IPCAM_BINOCULAR	1004	Dual-lens camera
IPCAM_365	1010	365 platform-supported IPC CAM
IPCAM_R0	1011	A5S platform-supported IPC CAM
IPCAM_R1	1012	385 platform-supported IPC CAM
IPCAM_R2	1013	R2 platform-supported IPC CAM
IPCAM_R3	1014	8127 platform-supported IPC CAM
IPCAM_R4	1015	S2 platform-supported IPC CAM
IPDOME_365	1110	365 platform-supported IPD CAM
IPDOME_R0	1111	A5S platform-supported IPD CAM
IPDOME_R1	1112	385 platform-supported IPD CAM
IPDOME_R2	1113	R2 platform-supported IPD CAM
IPDOME_R3	1114	8127 platform-supported IPD CAM
IPDOME_R4	1115	S2 platform-supported IPD CAM
ITCCAM_R3	1211	8127 platform-supported ITC CAM
UAV_S	1300	Unmanned Aerial Vehicle Station

TRAFFIC_ECT	1400	Entrance/exit terminal server
TRAFFIC_PARKING_SERVER	1401	Parking lot server
TRAFFIC_TME	1402	TME entrance/exit controller
DS90XXHW_ST	2001	Hybrid DVR: DS90XXHW_ST
DS72XXHX_SH	2002	DS-72xxHV-SH, DS-72xxHF-SH
DS_92XX_HF_ST	2003	DS-92XXHF-ST
DS_91XX_HF_XT	2004	Netra DVR: DS-91xxHF-XT
DS_90XX_HF_XT	2005	Netra hybrid DVR: DS-90xxHF-XT
DS_73XXHX_SH	2006	Netra DVR: DS-73xxHX-SH
DS_72XXHFH_ST	2007	Netra DVR: DS-72xxHFH-ST
DS_67XXHF_SATA	2008	Encoder: DS-67xxHF-SATA
DS_67XXHW	2009	Encoder: DS-67xxHW
DS_67XXHW_SATA	2010	Encoder: DS-67xxHW-SATA
DS_67XXHF	2011	Encoder: DS-67xxHF
DS_72XXHF_SV	2012	DVR: DS-72xxHF-SV
DS_72XXHW_SV	2013	DVR: DS-72xxHW-SV
DS_81XXHX_SH	2014	DVR: DS-81xxHX-SH
DS_71XXHX_SL	2015	DVR: DS-71xxHX-SL
DS_76XXH_ST	2016	DVR: DS-76xxH-ST
DS_73XXHFH_ST	2017	DVR: DS-73xxHFH-ST
DS_81XXHFH_ST	2018	DVR: DS-81xxHFH-ST
DS_72XXHFH_SL	2019	DVR: DS-72xxHFH-SL
DS_FDXCGA_FLT	2020	2-SATA ATM DVR
IDS_91XX_HF_ST_A	2100	iDS-9100HF-ST/A
IDS_91XX_HF_ST_B	2101	iDS-9100HF-ST/B
IDS_90XX_HF_ST_A	2102	iDS-9000HF-ST/A
IDS_90XX_HF_ST_B	2103	iDS-9000HF-ST/B
IDS_81XX_HF_ST_A	2104	iDS-8100HF-ST/A
IDS_81XX_HF_ST_B	2105	iDS-8100HF-ST/B
IDS_80XX_HF_ST_A	2106	iDS-8000HF-ST/A
IDS_80XX_HF_ST_B	2107	iDS-8000HF-ST/B
IDS_8104_AHFL_ST	2108	Smart hybrid ATM DVR
IDS_2CD6812F_C	2109	Dual-lens people counting camera
DS_77XXN_ST	2201	Netra NVR: DS-77xxN-ST
DS_95XX_N_ST	2202	Netra NVR: DS-95xxN-ST
DS_85XX_N_ST	2203	Netra NVR: DS-85xxN-ST
DS_96XX_N_XT	2204	Netra NVR: DS-96xxN-XT
DS_76XX_N_SE	2205	Netra NVR: DS-76xxN-SE
DS_86XXSN_SX	2206	Netra interrogation NVR, including 4 models: DS-8608SNL-SP, DS-8608SNL-ST, DS-8608SN-SP, DS-8608SN-ST, L means LCD model, P means POE
DS_96XX_N_RX	2207	Netra NVR: DS-96xxN-RX

DS_71XXN_SL	2208	DS-71XXN-SL civil product
CS_N1_1XX	2209	CS_N1_1XX, for civil department
DS_71XXN_SN	2210	71XX_N_SN economical civil product
CS_N1_2XX	2211	N1_2XX for civil department
DS_76XX_N_SHT	2212	76XX_N_SHT
DS_96XXX_N_E	2213	High performance NVR(256-ch)
DS_76XXN_EX	2214	76/78N-EX(/N/P) series NVR, including 4/8/16-ch E1 1-SATA device and 8/16/32-ch E2 2-SATA device
DS_77XXN_E4	2215	77N-E4(/N/P) series NVR, including 8/16/32-ch device
DS_86XXN_E8	2216	86N-E8(/N/P) series NVR, including 8/16/32-ch device
DS_9616N_H8	2217	DS_9616N_H8
DS_72XXHX_EX_GXY	2218	72 series wireless DVR product(xx following 72 means number of channels, x following E means number of SATA, G and XY mean wireless type)
DS_76XXN_EX_GXY	2219	76 series wireless NVR product(xx following 76 means number of channels, x following E means number of SATA, G and XY mean wireless type)
DS_72XXHXXH_SH_21	2220	XVR: 72HGH-SH series 4-ch
DS_72XXHXXH_SH_31	2221	XVR: 72HGH-SH series 8-ch16-ch, 72HQH-SH series
DS_73XXHXXH_SH_31	2222	XVR: 73HGH-SH series , 73HQH-SH series
DS_81XXHXXH_SH_31	2223	XVR: 81HGH-SH series , 81HQH-SH series
DS_71XXHXXH_SH_21	2224	XVR: 71HGH-SH series 4-ch
DS_71XXHXXH_SH_31	2225	XVR: 71HGH-SH series 8-ch16-ch, 71HQH-SH series
DS_NBXX_N_E1_X	2226	Portable host
DS_96XXN_FX	2230	96N-Fx series NVR, including 8/16/32-ch device
DS_86XXN_FX	2231	86N-Fx series NVR, including 8/16/32-ch device
DS_96XXXN_HX	2232	96xxxN-Hx series high performance NVR
DS_86XXN_I	2233	86N_I series NVR
DS_77XX_N_I	2234	77N_I series NVR
DS_76XX_N_I	2235	76N_I series NVR
DS_78XX_N_I	2236	78N_I series NVR
DS_96XXXN_IX	2237	DS-96xxxN-I series NVR(DS-96128N-I16/DS-96128N-I24/DS-96256N-I16/DS-96256N-I24)
DS_90XXHXXH_XT	2238	DS-9016HQH-XT
PCNVR_IVMS_4200	2301	iVMS-4200 storage server
IVMS_6200_TP	2401	IVMS-6200 traffic guidance analyzer
IVMS_6200_TF	2402	IVMS-6200 traffic evidence collection

		analyzer
IVMS_6200_D	2403	iVMS-6200(/D)
IDS_81XXAHW_ST	2405	iDS-81xxAHW-ST
IDS_81XXAHW_SP	2406	iDS-81xxAHW-SP
IDS_81XXAHWL_ST	2407	iDS-81xxAHWL-ST
IDS_81XXAHWL_SP	2408	iDS-81xxAHWL-SP
IDS_9616N_H8	2409	iDS_9616N_H8
IVMS_6200_SMD	2500	IVMS_6200_SMD
DS_81XXAHW_ST	2501	81HW-ST hybrid ATM DVR
DS_81XXAHW_SP	2502	81HW-SP hybrid ATM DVR
DS_81XXAHWL_ST	2503	81AHWL-ST hybrid ATM DVR
DS_81XXAHWL_SP	2504	81AHWL-SP hybrid ATM DVR
DS_81XXAHGH_E4	2601	TVI ATM DVR
DS_81XX_SHXL_K4	6101	KY2017 Inquest DVR DS-8104SHFH(L)-K4/4P
DS_8116THFHL_F4	6201	Standard trial DVR DS-8116THFHL-F4
DS_81XXAHQ_E4	6301	DS_81XXAHQ_E4(TVI ATM)
IDS_81XXAHQ_E4	6302	IDS_81XXAHQ_E4(Intelligent TVI ATM)
IDS_96XX_NX_S	7502	Intelligent NVR (target recognition)
IDS_96XX_NX_FA	7504	DeepInview F-series NVR
iDS_PT	8451	DeepInview series camera
IDS_67XX_NX_L	12502	67 series DeepinMind serial NVS
IDS_ENIXX_XHE	12503	DeepinMind serial NVS
DS_IE63XX_E_FA	13001	Face Recognition Server
DS_DS_GPKIA	13002	HikFalcon Server
DS_DS_PURE	13003	Face Analysis Server
DS_DS_FS	13004	Face Static Data Server
DS_DS_FD	13005	Face Detection Server
DS_DS_BLADE	13006	HikBlade Server
DS-I01CP-CD	13007	Model Comparison Serer
