



ZTD-L8CH4KL

System

Main Processor	MC6650
Operating System	Embedded LINUX

Video

Input	Normal Mode: Default: 8*(AHD/TVI/CVI:8MP; TVI/AHD: 5MP; AHD/TVI/CVI: 4MP; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 8MP) Analog+Network: 6*Analog(8MP)+8*network(Max 8MP), 4*Analog(8MP)+10*network(Max 8MP), 2*Analog(8MP)+12*network(Max 8MP) Lite Mode: Default: 8*(TVI/AHD: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 8MP) Analog+Network: 6*Analog(5M@12fps)+8*network(Max 8MP), 4*Analog(5M@12fps)+10*network(Max 8MP), 2*Analog(5M@12fps)+12*network(Max 8MP) Network: 16*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤80M)
Input	8CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD, 1 VGA, 1 CVBS

Audio

Input	6 Channel RCA, support AOC
Two-way Audio	NO
Output	1 Channel RCA

Record Mode	Manual\Timer\Motion Detection\Alarm
Playback & Backup	
Decode Capability	4*1080P@30fps
Sync Playback	Normal Mode: Pure Analog: 8CH 5M@6fps, 7CH 8M_Lite@8fps, 8CH 4M@8fps, 8CH 3M@9fps, 8CH 1080P@15fps Mix Mode: 4CH 5M@6fps, 4CH 4M@8fps, 4CH 3M@9fps, 4CH 1080P@15fps, 1CH 8MP 30fps, 2CH 5MP 30fps, 2CH 4MP @30fps, 2CH 3MP@30fps Pure IPC: 1CH 4K@30fps, 2CH 5MP@30fps, 3CH 4MP@30fps, 4CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps Lite Mode: Pure Analog: 8CH 5M_Lite@ 8CH 1080N@25fps, 8CH 720P@25fps, 8CH 960H@25fps Mix Mode: 4CH 5M@6fps, 4CH 4M@8fps, 4CH 3M@9fps, 4CH 1080P@15fps, 1CH 8MP 30fps, 2CH 5MP 30fps, 2CH 4MP @30fps, 2CH 3MP@30fps Pure IPC: 1CH 4K@30fps, 2CH 5MP@30fps, 3CH 4MP@30fps, 4CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection, Alarm, Tag
Playback Functions	Play, Pause, Stop, Fast play, Slow play, Rewind, Single frame forward/back, Digital Zoom, Full screen
Smart Phone Playback	4 Channel
Backup Mode	USB Device(with format FAT 32)/Network/FTP
Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTP, RTSP, RTCP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE, HDPROVN, DYNAMIC_PLANET, EASY_PLANET
Web Browser	Edge, IE8-11, Google Chrome, Firefox, Safari
CMS Software	Support Windows 7/ Windows 8/ Windows 10/ Windows 11/ MAC OS
Extra Stream	CIF/D1(1-30fps)
Smart Phone	iPhone, iPad, Android, Android pad
Hard Disk Driver	
Interface Type	1 SATA Interface
Capacity	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)
General	
Language	Simplified Chinese, Traditional Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Japanese, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese,
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/2A ≤10W (Without Hard Disk)
Working Environment	-10~55℃/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)

Alarm	
Sensor Input	4
Output	1
Motion Detection	12 Channel(max 16 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
Email Alarm	Send Image to The Designated E-mail
AI Function	

Human Detection	YES
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255

Display	
VGA	Resolution:1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768
HD Output	Resolution: 3840x2160 1920x1080 1280x1024 1280x720 1024x768
Display Split	1/4/8/9/16
Privacy Masking	3 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording

Recording	
Video Compression	H.265/H.265+/H.264/H.264+
Audio Compression	G.711u/G.711a
Resolution	5MP(2560×1952),8MP_LITE(1920×2160),5MP_HALF(1280×1952),4MP(2560×1440),4MP_HALF(1280×1440),3MP(2048×1536),1080P(1920×1080),720P(1280×720),960H(960×480)
Video Quality	Lowest/Low/Ordinary/Good/Better/Best
Record Rate	Normal Mode: Analog:PAL:8MP_LITE(1920×2160 8*8fps), 5MP(2560×1952 8*6fps),5MP_LITE(1280×1952 8*10fps), 4MP(2560×1440 8*8fps),4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),3MP_Lite(1024×1536 8*18fps), 1080P(1920×1080 8*15fps),720P(1280×720 8*25fps), 960H(960×480 8*25fps) NTSC:8MP_LITE(1920×2160 8*8fps), 5MP(2560×1952 8*6fps),5MP_LITE(1280×1952 8*10fps), 4MP(2560×1440 8*8fps),4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),3MP_Lite(1024×1536 8*18fps), 1080P(1920×1080 8*15fps),720P(1280×720 8*30fps), 960H(960×480 8*30fps) Lite Mode: PAL:5MP_Lite(1280×1952 8*10fps),4MP_Lite(1280×1440 8*15fps),3MP_Lite(1024×1536 8*18fps),1080N(960×1080 8*25fps),720P(1280×720 8*25fps), 960H(960×480 8*25fps) NTSC: 5MP_Lite(1280×1952 8*10fps),4MP_Lite(1280×1440 8*15fps),3MP_Lite(1024×1536 8*18fps),1080N(960×1080 8*25fps),720P(1280×720 8*25fps), 960H(960×480 8*30fps) Pure IP(H.265): PAL :8MP@9x25fps, 5MP@12x25fps,4MP@16x25fps, 3MP@16x25fps, 1080P@16x25fps, 960P@16x25fps, 720P@16x25fps, D1@16x25fps NTSC:8MP@9x30fp, 5MP@12x30fps,4MP@16x30fps, 3MP@16x30fps, 1080P@16x30fps, 960P@16x30fps, 720P@16x30fps, D1@16x30fps