HILTRON security

· 16 Channel IP video access
· Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
· Up to 16 Channel perimeter protection
· Up to 4 Channel video stream face recognition
· Up to 24 face pictures/sec processing
· Up to 20 face databases with 100,000 face images in total
· 1-8 PoE Ports support ePoE & EoC

FALSE ALARM FILTER | Perimeter | BLACKLIST ALLARM | METADATA | FACE DETECTION | PEOPLE COUNTING | HEAT MAP

THV52168PAIS
16Channel 1U 8PoE WizMind Network Video Recorder

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System	
Main Processor	Multi-core embedded processor
Operating System	Embedded LINUX
Perimeter Protection	
Performance	16 channel, 10 IVS rules for each channel
Object classification	Human/Vehicle secondary recognition for tripwire and intrusion
AI Search	Search by target classification (Human, Vehicle)
Face Recognition	
Performance	Max 24 face pictures/sec processing (modeling and comparing)
	4 channel video stream face recognition/16 channel picture stream face recognition (with FD camera)
Stranger Mode	Detect strangers' faces (not in device's face database).Similarity threshold can be set manually.
AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image.
Database Management	Up to 20 face databases with 100,000 face images in total. Name, gender, birthday, nationality, address, ID information can be added to each face picture.
Database Application	Each database can be applied to video channels independently.
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.
Metadata	
Face	Gender, age, glasses, beard, mask.
Vehicle	Vehicle color, vehicle model, vehicle logo, plate color, vehicle decorations, call, seatbelt.
Human Body	Tops style,tops color,bottom style,bottom color, hat, bag.
Non-motor Vehicle	Type, color, people number.
AI Search	Support search target video by metadata.
Audio and Video	
IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
	VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Decoding Capability	4-ch@8MP (30fps), 16-ch@1080P (30fps)
Multi-screen Display	1/4/8/9/16
Recording	
Bandwidth	320 Mbps (160 Mbps when AI function enabled)

Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
Resolution	16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P, D1 etc.
Record Mode	Manual, Schedule (Continuous, MD (Motion Detection), Alarm, IVS)
Record Interval	1–120 min (default: 60 min), Pre-record: 1–30 sec, Post-record: 10–300 sec
Video Detection and	
Alarm	Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips
Trigger Events	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Scene Change
Video Detection	4 Channel
Alarm input	2 Channel
Relay Output	
Playback and Backup	1/4/9/16
Sync Playback	Time/Date, Alarm, MD and Exact Search (accurate to second)
Search Mode	USB Device/Network
Backup Mode	
Third-party Support	Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, Xunmei, Samsung, Sanyo, Sony, Watchnet and more
Third-party Support	
Network	1 RJ-45 Ports (10/100/1000 Mbps)
Interface	8 ports (IEEE802.3af/at) 1-8 ports support ePoE & EoC
PoE	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, IP Search (Support Dahua IP
Network Function	camera, DVR, NVS, etc.), P2P
Max. User Access	128 users
Mobile App	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	2 SATA III Ports, Up to 8 TB capacity for each HDD
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 Rear USB 3.0, 1 Front USB 2.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Electrical	
Power Supply	Single, AC100V–240V, 50–60 Hz
Power Consumption	NVR: <15.6W (Without HDD) PoE: Max 25.5W for single port 130W total rated power, 80% control for protection
Fan	Smart fan, automatically adjust running speed
Environmental	
Operating Conditions	-10°C to +55°C (+14°F to +131°F), 86–106kpa
Storage Conditions	0°C to +40°C (+32°F to +104°F), 30–85% RH
Construction	
Dimensions	1U, 375.0 mm × 327.4 mm × 53.0 mm (14.76" × 12.89" × 2.09")
Net Weight	2.70 kg (6.0 lb) (without HDD)
Gross Weight	4.00 kg (8.8 lb) (without HDD)
Certifications	
CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL 60950-1