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MTN161T0042

16-Channels Face Recognition 12MP NVR

General Characteristics:

Support 16 CH 12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP input

Dual stream recording all channels 12MP/8MP/5MP/4MP/3MP/1080P/960P/720p @30fps

Adopts Smart H.265, H.265+, H.265 and H.264 high profile compression format

Supports Face Detection by NVR in 2 channels / Face Detection by camera in 16 channels

Face Recognition/match supported on 6 channels

Dual HDMI Outputs for multi-screen display: 16CH (HDMI1) + 9CH (HDMI2)

Dual LAN ethernet connection

4K output, true high resolution display

8 Alarm inputs and 4 Alarm outputs

16 CH simultaneous playback

Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises

Pentaplex : preview, record, playback, backup and remote access

Supports POS connection on all 16 channels

Supports license plate recognition with LPR camera



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Model: MTN161T0042

System	OS	Embedded Linux
Video	Compression	H.265S/H.265+/H.265/H.264
	IP Video Input	16CH IPC input
	Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Network Bandwidth	160Mbps/160Mbps (incoming/outgoing) (incoming/outgoing)
	Output	HDMI1 : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA and HDMI1 output the same video source
Audio	Network Input	16 CH IPC audio input
	2-way Audio	RCA × 1
	Local Output	RCA × 1
	Compression	G.711(U/A)
Record	Record Stream	Dual stream recording
	Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Frame Rate	NTSC: 30fps; PAL: 25fps
Playback	Simultaneous Playback	Max 16CH
	Search	Time slice / time / event / tag / smart search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	Live View/ Playback	1CH 12MP/4CH 1080P
Multi-Screen Display Mode	Mode	Dual output mode (default mode): supports HDMI2 output, but doesn't support AI by device AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports
	Dual Output Mode	16CH (HDMI1) +9CH (HDMI2)
	AI Mode	16CH(HDMI1)
Alarm	Mode	Manual, sensor, motion, exception, smart events, etc.
	Input	8 CH local alarm input
	Output	4 CH
	Triggering	Record, snap, preset, e-mail, etc.
Face	Face Detection Performance (AI by IPC)	16CH
	Face Detection Performance (AI by Device)	2 CH (2MP)
	Face Match Performance	6 CH
	Comparison Capability	18 pictures / second
	Face Picture Database	32 libraries 10000 Face Pictures
	Face Search	Search by picture is supported
	Database Management	Add, modify, delete and search face pictures
	Face Adding	Add face pictures through APP, WEB and external import
	Face Comparison	Support allow list, block list and stranger match alarm
	Track	Track display on a map

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Face	Statistical Graph of Information	Bar graph
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Video Structure Analysis	Human/Vehicle Classification	Yes
Other Functions	Fisheye	Supports fisheye dewarping via Web Client and mobile APP
	Plate Recognition	Yes
Network	Interface	RJ 45 1000 Mbps × 2
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc.
	Client Connection	Max. 10 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA × 2, max 10T for each HDD
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
External Interface	RS 485	Yes (full-duplex), connect to PTZ or keyboard
	USB	USB 3.0 × 1 ; USB 2.0 × 2
	Remote Controller	N/A
Others	Power Supply	DC12V/4A
	Consumption	≤ 20W (without HDD)
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
	Dimensions(mm)	380 × 268 × 45 (W × D × H)
	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity

