



64 CHANNEL NVR

PLC-51264H8/PM-4K

www.pollo.net.au

info@pollo.net.au



































DATASHEET



Overview:



PLC-51264H8/PM-4K supports 64 Channel 12MP/08MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P high-definition IP video input, which adopts the most advanced SOC technique to ensure high-definition recording in each channel and realize outstanding robustness of the system. **PLC-51264H8/PM-4K** supports 64 Channel IP input, simultaneous 16 Channel playback, and 4K ultra high-definition display. This product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Key Features:

- Support 64 Channel 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/DI/CIF IP video input.
- H.265S/H.265+/H.265/H.264 coding.
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse.
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- Playback: 16 channel simultaneous playback
- Search: time slice, time, event, tag, smart search
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support POS information overlay on live view and playback.
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration.
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Authorization management, log view and device status view
- 4K output, true high-resolution display
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS



Specifications:

System	Model	PLC-51264H8/PM-4K
Video Network Input 64 Channel IPC input 12MP/8MP/6MP/5MP/1080P/1280×1024/960P/720P/960H/D1/C1 F	System	·
12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/Cl	•	64 Channel IPC input
HDMI1: 3840 × 2160@60fps / 3840 × 2160@30fps / 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1280 ×	·	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CI
Multi-screen Display Audio Network Input 2-way Audio RCA × 1 Compression G-711(U/A) Record Stream Dual stream recording Record Resolution Record Mode Simultaneous Playback Play Back Search Play Back Function Decoding Capability Live View/Playback Alarm Mode Alarm Mode Alarm Moutu Alarm Output Alarm Output Beach Tibe Che Face Detection Performance Face Picture Patabase Face Picture Search Database Management Face Picture Search Search Search Database Face Picture Adding Face Picture Adding Face Picture Comparison Face Picture Picture Picture Picture Pic		HDMI1: 3840 × 2160@60fps / 3840 × 2160@30fps/ 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI4: 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
Audio Network Input 2-way Audio RCA × 1 Local Output RCA × 1 Compression G.711(U/A) Record Stream Dual stream recording 12MP@20fps; 8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/ 720P/960H/D1/CIF@30fps (NTSC)/25fps (PAL) Record Mode Simultaneous Playback Play Back Search Play Back Smart Search Play Back Function Play, pause, FF, FB, digital zoom, etc. Decoding Capability Live View/ Playback Alarm Mode Alarm Input Alarm Output Face Detection Performance Face Detection Performance Face Detection Performance Face Picture Search Database Management Face Picture Search Face Picture Adding External face picture enrolment Resolution Input Add face picture strough APP, WEB and external import Resolution Input (Support common, allow list and block list alarm Face Track Yes	Compression	
2-way Audio Local Output RCA × 1 Compression G.711(U/A) Record Stream Dual stream recording Record Resolution Record Mode Record Mode Manual/timed/motion/sensor/POS/AI recording Simultaneous Playback Play Back Search Play Back Smart Search Play Back Function Decoding Capability Live View/Playback Alarm Mode Alarm Mode Alarm Output Alarm Output Face Detection Performance Face Detection Performance Face Picture Database Face Picture Search Database Management Face Picture Adding External face picture enrolment Face Picture Comparison Support Common, allow list and block list alarm Face Districts Face Picture Comparison Support Common, allow list and block list alarm Face Picture Comparison Support Common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Track Face Picture Comparison Face Picture Co	Multi-screen Display	1/4/6/8/9/13/16/25/32/36/64
Local Output RCA × 1 Compression G.711(U/A) Record Stream Dual stream recording Record Resolution 12MP@20fps; 8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF@30fps (NTSC)/25fps (PAL) Record Mode Manual/timed/motion/sensor/POS/AI recording Simultaneous Playback Max. 16 channel Play Back Search Time slice / time / event / tag /smart search Play Back Smart Search Highlighted colour to display the camera record in a certain period of time, different colours refer to different record events Play Back Function Play, pause, FF, FB, digital zoom, etc. 1 channel 12MP/4CH 5MP/9CH 720P/16CH D1 Alarm Mode Manual, sensor, motion, exception, smart events Alarm Input 16 channel local alarm input; supports IPC alarm input Alarm Output 4 channels Face Detection Performance 64 CH Face Detection Performance 64 CH Face Detection Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database 32 libraries 10000 Face Pictures Face Picture Search Search Search by picture is supported Database Management Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import External face picture enrolment Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Audio Network Input	64 channel IPC audio input
Compression Record Stream Dual stream recording Record Resolution Record Mode Simultaneous Playback Play Back Search Play Back Search Play Back Function Decoding Capability Live View/ Play Back Alarm Mode Alarm Input Alarm Output Face Detection Performance Face Detection Performance Face Picture Database Face Picture Adding Face Picture Adding Face Picture Adding Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm Face Picture Comparison Support common, allow list and block list alarm	2-way Audio	RCA × 1
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Record Resolution 12MP@20fps; 8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/ 720P/960H/D1/CIF@30fps (NTSC)/25fps (PAL) Record Mode Manual/timed/motion/sensor/POS/AI recording Max. 16 channel Play Back Search Time slice / time / event / tag /smart search Highlighted colour to display the camera record in a certain period of time, different colours refer to different record events Play Back Function Play, pause, FF, FB, digital zoom, etc. Play, pause, FF, FB, digital zoom, etc. Play back Alarm Mode Alarm Input 16 channel 12MP/4CH 5MP/9CH 720P/16CH D1 Alarm Output 4 channels Face Detection Performance 64 CH Face Detection Performance 4CH Face Detection Performance 4CH Face Match Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database Face Picture Search Search by picture is supported Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Compression	G.711(U/A)
Record Mode Record Mode Manual/timed/motion/sensor/POS/AI recording Simultaneous Playback Play Back Search Play Back Smart Search Play Back Function Decoding Capability Live View/ Playback Alarm Mode Alarm Mode Alarm Input Alarm Output Face Detection Performance Face Picture Database Face Picture Adding External face picture enrolment Pace Mark Search Simultaneous Playback Manual, sensor, motion, exception, smart events Alarm Supports IPC alarm input Alarm Output A channels Face Picture Adding Add face pictures through APP, WEB and external import External face picture Comparison Support common, allow list and block list alarm Face Track Yes	Record Stream	Dual stream recording
Simultaneous Playback Play Back Search Time slice / time / event / tag /smart search Play Back Smart Search Play Back Smart Search Play Back Function Play, pause, FF, FB, digital zoom, etc. Play, pause, FF, FB, digital zoom, etc. Play, pause, FF, FB, digital zoom, etc. 1 channel 12MP/4CH 5MP/9CH 720P/16CH D1 Alarm Mode Alarm Input Alarm Output Alarm Output Face Detection Performance Face Detection Performance ACH Face Detection Performance Face Picture Database Face Picture Search Database Management Face Picture Adding External face picture enrolment Face Picture Comparison Face Picture Comparison Support common, allow list and block list alarm Face Track Max. 16 channel Time slice / time / event / tag /smart search Highlighted colour to display the camera record in a certain period of time, different record events Highlighted colour to display the camera record in a certain period of time, different record events Highlighted colour to display the camera record in a certain period of time, different record events Play Back Smart Search Nax. 16 channel Pevent / tag /smart search Highlighted colour to display the camera record in a certain period of time, different record events Play Back Smart Search Nax. 16 channel Play Bank Smart search Nax. 16 channel Play Pause, FF, FB, digital zoom, etc. Play Bank Formal inpurt Search Play Pause, FF, FB, digital zoom, etc. Play Bank Smart search Nax. 16 channel Play Pause, FF, FB, digital zoom, etc. Play Bank Smart search Nax. 16 channel Nax. 16 channel Play Pause, FF, FB, digital zoom, etc. Play Pause Pause Pause Play Pause Pause Pause Play Pause Pause Pause Play Pause Pa	Record Resolution	
Play Back Search Play Back Smart Search Highlighted colour to display the camera record in a certain period of time, different colours refer to different record events Play, pause, FF, FB, digital zoom, etc. Play, pause, FF, FB, digital zoom, etc. 1 channel 12MP/4CH 5MP/9CH 720P/16CH D1 Manual, sensor, motion, exception, smart events Alarm Mode Alarm Input Alarm Output Alarm Output Face Detection Performance 64 CH Face Detection Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database Face Picture Search Database Management Face Picture Adding External face picture enrolment Face Picture Comparison Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Record Mode	Manual/timed/motion/sensor/POS/AI recording
Play Back Smart Search Play Back Function Play, pause, FF, FB, digital zoom, etc. Playback Alarm Mode Alarm Input Alarm Output Face Detection Performance Face Picture Database Face Picture Search Database Management Face Picture Adding Face Picture Adding External face picture enrolment Face Picture Comparison Support common, allow list and block list alarm Face Track Highlighted colour to display the camera record in a certain period of time, different record events Highlighted colours refer to different record events Play, pause, FF, FB, digital zoom, etc. Databar Lamenta Jedy Jedy Jedy Jedy Jedy Jedy Jedy Jedy	Simultaneous Playback	Max. 16 channel
Play Back Smart Search Play Back Function Play, pause, FF, FB, digital zoom, etc. 1 channel 12MP/4CH 5MP/9CH 720P/16CH D1 Alarm Mode Alarm Mode Alarm Input Alarm Output Face Detection Performance Face Match Performance Face Picture Database Face Picture Search Database Management Face Picture Adding External face picture enrolment different colours refer to different record events Play, pause, FF, FB, digital zoom, etc. 1 channel 12MP/4CH 5MP/9CH 720P/16CH D1 2 channel 12MP/4CH 5MP/9CH 720P/16CH D1 2 channel 12MP/4CH 5MP/9CH 720P/16CH D1 4 channel 12MP/4CH 5MP/9CH D1 4 channel 12MP/9CH 5MP/9CH D1 4 channel 12MP/9C	Play Back Search	Time slice / time / event / tag /smart search
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Playback Alarm Mode Manual, sensor, motion, exception, smart events Alarm Input 16 channel local alarm input; supports IPC alarm input Alarm Output 4 channels Face Detection Performance 64 CH Face Detection Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database Face Picture Search Database Management Face Picture Adding External face picture enrolment Face Picture Comparison Support common, allow list and block list alarm Face Track Manual, sensor, motion, exception, smart events A channel 12MP/4CH 5MP/9CH 720P/16CH D1 Manual, sensor, motion, exception, smart events ### Add nout in put 16 channel local alarm input; supports IPC alarm input ### Achannels ### Achannel ### Ac	Play Back Function	Play, pause, FF, FB, digital zoom, etc.
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Alarm Output Face Detection Performance 64 CH Face Detection Performance 4CH Face Match Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database Face Picture Search Database Management Face Picture Adding Add face pictures through APP, WEB and external import External face picture enrolment Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Alarm Mode	Manual, sensor, motion, exception, smart events
Face Detection Performance 4CH Face Match Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database 32 libraries 10000 Face Pictures Face Picture Search Search by picture is supported Database Management Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import External face picture enrolment Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Alarm Input	16 channel local alarm input; supports IPC alarm input
Face Detection Performance Face Match Performance 16 CH Comparison Capability 36 pictures / second Face Picture Database Face Picture Search Database Management Face Picture Adding Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import External face picture enrolment Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Alarm Output	4 channels
Face Match Performance Comparison Capability 36 pictures / second Face Picture Database Face Picture Search Database Management Face Picture Adding External face picture enrolment Face Picture Comparison Face Track 16 CH 36 pictures / second 32 libraries 10000 Face Pictures Search by picture is supported Add, modify, delete and search face pictures Add face pictures through APP, WEB and external import Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Support common, allow list and block list alarm Yes	Face Detection Performance	64 CH
Comparison Capability36 pictures / secondFace Picture Database32 libraries 10000 Face PicturesFace Picture SearchSearch by picture is supportedDatabase ManagementAdd, modify, delete and search face picturesFace Picture AddingAdd face pictures through APP, WEB and external importExternal face picture enrolmentResolution: 128 x 128 ~ 1920 x 1080 Size less than 70KBFormat: jpg, jpegFace Picture ComparisonSupport common, allow list and block list alarmFace TrackYes	Face Detection Performance	4CH
Face Picture Database Face Picture Search Database Management Face Picture Adding Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import External face picture enrolment Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Face Match Performance	16 CH
Face Picture Search Search by picture is supported Database Management Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import External face picture enrolment Resolution : 128 x 128 ∼ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	Comparison Capability	36 pictures / second
Database ManagementAdd, modify, delete and search face picturesFace Picture AddingAdd face pictures through APP, WEB and external importExternal face picture enrolmentResolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpegFace Picture ComparisonSupport common, allow list and block list alarmFace TrackYes	Face Picture Database	32 libraries 10000 Face Pictures
Face Picture Adding Add face pictures through APP, WEB and external import Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Yes	Face Picture Search	Search by picture is supported
External face picture enrolment Resolution: 128 x 128 ~ 1920 x 1080 Size less than 70KB Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Yes	Database Management	Add, modify, delete and search face pictures
Format: jpg, jpeg Face Picture Comparison Support common, allow list and block list alarm Yes Yes	Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison Support common, allow list and block list alarm Face Track Yes	External face picture enrolment	
Face Track Yes	Face Picture Comparison	
Map of Face Track Resolution: ≤ 2560 x 1920	·	
	Map of Face Track	Resolution : ≤ 2560 x 1920



DATASHEET

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	Size: ≤ 512KB
Statistic Count of Face	Format: jpg, jpeg
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Alarm Triggering	Record, snapshot, buzzer, pre-set, e-mail, etc.
Human/Vehicle Classification	Yes
Fisheye	Supports fisheye deworming via Web Client and mobile APP
Plate Recognition	Yes
Interface	RJ45 10 / 100 / 1000 Mbps × 1
Network Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, ONVIF, etc.
Client Connection	Max.20 users' access
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Mobile Device	iOS, Android
Storage	SATA × 8, max 10T per HDD; e-SATA × 2
RAID	RAIDO, RAID1, RAID5, RAID6, RAID10
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB 2.0 × 2, USB 3.0 × 1
Remote Controller	Yes
RS 485	Yes (full-duplex), connect to PTZ or keyboard
Power Supply	ATX 200W
Consumption	≤ 50W (without HDD)
Dimensions (mm)	445mm×436mm×90mm
Working Environment	-15 ~ 50 °C, Humidity: 10% ~ 90%
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE (2012/19/EU), Directive 94/62/EC and REACH(EC1907/2006)

Dimensions:



