

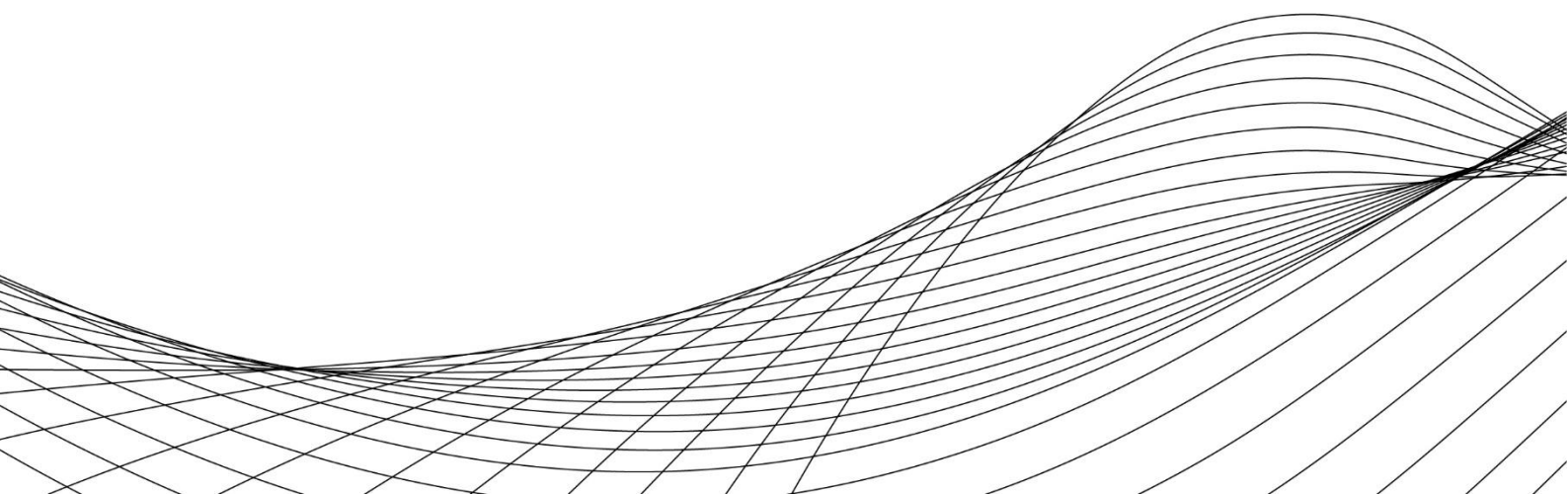


High-Definition Decoder

PLC-D1104/PM

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Key Features:

- ❖ CPU: RK3588 | OS: Embedded Linux
- ❖ Memory: LPDDR4 8GB; 16GB eMMC
- ❖ HDMI Outputs: 4×HDMI (HDMI1 up to 8K, HDMI2/3 up to 4K, HDMI4 up to 1080P)
- ❖ VGA Output: 1920×1080, mirrors HDMI1/2/3
- ❖ Multi-screen Display: 1/4/9/16/25/36/64 screens
- ❖ HDMI Input: 1CH, up to 4K, supports multiple resolutions
- ❖ Video Compression: H.264/H.265/MJPEG | Audio Output: HDMI, G.711
- ❖ Decoding Capability: Up to 4CH 16MP, 8CH 8MP, 12CH 5MP, 20CH 3MP, 32CH 1080P, 255CH CIF @30fps
- ❖ Network: 2×RJ45 (10/100/1000M) | USB: 1×USB3.0, 2×USB2.0
- ❖ Alarm Interface: 4CH input, 4CH output
- ❖ DVI & Mixed Insertion: Supported | USB Console: 1
- ❖ Local I/O: RCA input×1 (unused), RCA output×1 (mono)
- ❖ Power: DC12V, 4A | Consumption: 48W
- ❖ Working Environment: −10°C to +50°C, 10–90% humidity



FEATURES:

Decoding & Display:

- ❖ 4*HDMI@1080P; HDMI1 and HDMI3 support 4K
- ❖ 4*VGA output, 4*BNC output
- ❖ Supports PS, RTP, TS, ES encapsulation formats (in platform running mode)
- ❖ Supports NTSC & PAL video formats
- ❖ H.265 HP/MP/BP and H.264 HP/MP/BP
- ❖ 8CH 8MP@30fps or 16CH 4MP@30fps or 32CH 1080P@30fps or 64CH 720P@30fps or 128CH D1 or lower
- ❖ G.711A/G.711U
- ❖ 1CH audio input; 4CH audio output
- ❖ 1CH two-way audio

Decoding Control:

- ✔ Supports live view and playback decoding
- ✔ 1/4/9/16/25/36 screen display mode
- ✔ Splicing, window opening, roaming
- ✔ View cameras or camera groups in sequence

Stream Mode:

- ✔ A&V streams can be acquired actively and passively
- ✔ A&V streams can be directly acquired from Pollo IPC/DVR/NVR by SDK private protocol
- ✔ Supports input signal source replication
- ✔ Supports cross-browser operation
- ✔ A&V streams can be acquired from PVMS Plus platform or encoding devices by RTSP/RTP protocol
- ✔ A&V streams can be acquired from IPC by ONVIF protocol Device Management
- ✔ Supports multi-level device control (master-slave mode)
- ✔ A maximum of 64 decoders can be manageable

Access:

- ✔ Provides HTTP API protocol for the third-party
- ✔ Supports platform running mode and device running mode

Operation and Maintenance:

- ✔ Supports device search
- ✔ Supports WEB client access, configuration and management
- ✔ Supports time zone, time and date settings
- ✔ Supports data port and HTTP port settings
- ✔ Supports data backup and restoration
- ✔ Supports remote reboot, upgrade
- ✔ Supports remote reboot and one-button reset
- ✔ Supports online and U-disk upgrade
- ✔ Supports dual gigabit Ethernet ports, load balancing

Specifications:

Model	PLC-D1104/PM
CPU	RK3588
OS	Embedded Linux
Memory	LPDDR4 8GB; 16 GB EMMC
Video HDMI™ Output	HDMI™1: 7680×4320, 3840×2160, 1920×1080, 1280×1024 (when HDMI™1 outputs 8K resolution, HDMI™2 is unavailable) HDMI™2: 3840×2160, 1920×1080 , 1280×1024 HDMI™3: 3840×2160, 1920×1080, 1280×1024 HDMI™4: 1920×1080, 1280×1024
VGA Output	VGA×1: 1920×1080, 1280×1024 (VGA can output the same video source with HDMI™ 1/2/3)
Multi-screen Display	Output 1/2/3/4: 1/4/9/16/25/36/64
HDMI™ Input	1CH HDMI™ input: supports 3840×2160, 1920×1080, 1600×1200, 1680×1050, 1440×900, 1280×1024, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
Video Compression	H.264/H.265/MJPEG
Audio HDMI™ Output	Yes
Local Input	RCA×1 (currently no function)
Local Output	RCA×1 (monophonic)
Audio Compression	G.711(U/A)
Decoding Capability Resolution	16MP, 12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1, CIF
Decoding Capability	4CH 16MP@30fps or 8CH 8MP@30fps or 12 CH 5MP@30fps or 20CH 3MP@30fps or 32CH 1080P@30fps or 255CH CIF @30fps
Network Interface	10M/100M/1000M RJ45 ×2
USB Interface	USB3.0×1, USB2.0×2
Alarm Interface	4CH alarm input; 4CH alarm output
DVI Port	Supported
Mixed insertion	Supported
USB Console Interface	1
Power	DC12V 4A
Power Consumption	48 W
Working Environment	-10°C - +50°C
Working Humidity	10% ~ 90%
Dimensions	380 (W) ×268 (D) × 45 (H)

Dimensions:

