

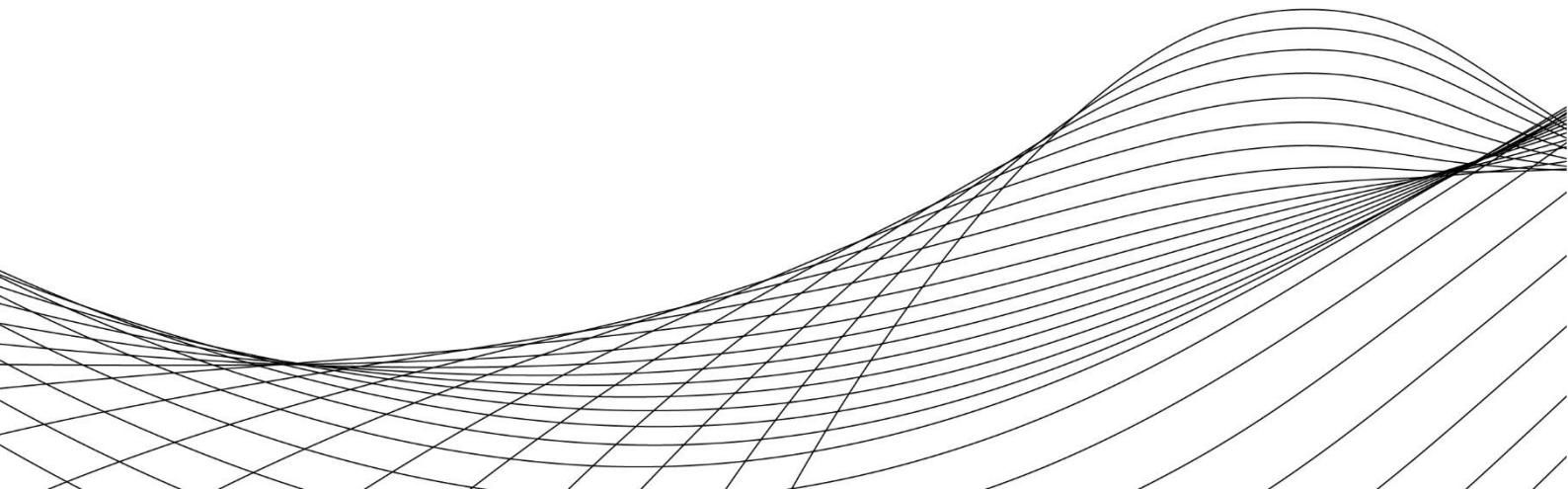


High-Definition Decoder

PLC-D1104/PM

www.pollo.net.au

info@pollo.net.au



Overview:

With the high-performance SOC decoding chip and stable and reliable Linux OS, **PLC-D1104/PM** can be excellently served to the high-definition surveillance system. this decoder can be widely used in banks, schools, intelligent buildings, transportation, environmental protection, supermarkets, gasoline stations, housing estates, factories, etc.

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 HDMITM1outputs 8K resolution, HDMITM2 is unavailable) HDMITM2: 3840×2160, 1920×1080 , 1280×1024 HDMITM3: 3840×2160, 1920×1080, 1280×1024 HDMITM4: 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:

