

X5NPro



SPECS

-  4.1 Kg
-  342.4 × 189.5 × 118.0mm
-  -40°C ~+70°C
-  8% to 95%

Introduction

Ideal for multi-camera vehicle solution, typically 5+ camera set-up. The X5NPro is a cost-effective device specially developed for mobile video surveillance and remote video monitoring, featuring high functional scalability.

Equipped with a high-speed processor and an embedded operating system, integrating state-of-the-art H.265 video compression/decompression technologies, 3G/4G/Wi-Fi network transmission technologies, and GPS/BDS positioning technologies.

Real-time local recording and wireless uploading of vehicle status data and monitoring data. Features alarm linkage, evidence center, remote management, video playback, track analysis.

Strengths

- **12 channels (8 AHD + 4 IPC), H.265 compression**
- **Dual-SIM 4G, Wi-Fi, GPS/BeiDou**
- **Supports HDD and SD storage**
- **USB, RS232/RS485, CAN, CVBS, VGA, LAN ports**
- **Anti-shock mount with hard disk cartridge lock**

PRODUCT SPECIFICATIONS

Model	
X5NPro-H0804	
Function Overview	
Preview, video recording, playback, network transmission, and positioning	
System	
Operating System	Linux 4.9
Control Mode	CP4,mouse, EasyCheck, and network (3G/4G/Wi-Fi)
Video	
Input	8-channel AHD + 4-channel IPC (PON power supply)
Output	1-channel CVBS + 1-channel VGA
Total Resource	AHD: 8*720P@25FPS(PAL) or 8 × 1080p @ 15 FPS (PAL) or 8 × 720p @ 30 FPS (NTSC) or 8 × 1080p @ 15 FPS (NTSC) IPC: 4*1080P@30FPS(IPC)
Video Signal Standard	Level: 1 Vpp; impedance: 75 ohm NTSC/PAL (optional)
Audio	
Input	8-channel AHD + 4-channel IPC
Output	1 channel
Audio Signal Standard	Level: 2 Vpp; input impedance: 4.7 kilohm
Display	
Display Split	1/4/9-screen display
Screen Display	Positioning information, alarms, license plate numbers, driving speed, time, etc.
Operating Interface	GUI
Recording	
Audio/Video	Video H.264/H.265
Compression Format	Audio ADPCM,G.711U,G.711A AHD: PAL: 1080p (1920 × 1080), 720p (1280 × 720), WD1 (928 × 576), WHD1 (928 × 288), WCIF (464 × 288), D1 (704 × 576), HD1 (704 × 288), CIF (352 × 288);
Image Resolution	NTSC: 1080p (1920 × 1080), 720p (1280 × 720), WD1 (928 × 480), WHD1 (928 × 240), WCIF (464 × 240), D1 (704 × 480), HD1 (704 × 240), CIF (352 × 240); IPC: 1080p (1920 × 1080), 720p (1280 × 720);
Image Quality	Levels 1–8 adjustable (preferably Level 1)
Recording Mode	Startup/Scheduled/Alarm event recording
Alarm Prerecording	0-60 min
Alarm Recording Delay	0-30 min
Mirrored Recording	Supported

Playback	
Playback Channel	1-channel local playback
By date/time, channel, or event	By date/time, channel, or event
Network	
3G/4G	EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LTE (optional)
WIFI	W217 module. Supported protocol: 802.11a/b/g/n/ac
Ethernet	1 × RJ45 (10/100 M/1000 M)
Positioning	
GPS/BD	Positioning, speed detection, and time synchronization
Sensor	
Built-in 6-axis inertial sensor	Built-in 6-axis inertial sensor
Storage	
HDD	1 × 3.5" SATA HDD + 1 × M.2 SATA SSD, hard disk heating
SD	Supported Hot-swapping 32/64/128/256 GB SDXC
Port	
USB	1 × USB2.0 (5pin aviation connector) + 1 × USB2.0 (Type B)
SD	1 × SD card slot
SM	2 × SIM card slot
Serial Port	2 × RS232, 3 × RS485 (1 × R-WATCH)
CAN	2 × CAN
IO	8-channel input and 2-channel output
Pulse Speed Detection	1 channel
Control Panel	CP4
Intercom	1 × MIC port (CP4)
VGA	1 × VGA
Power Supply	
Input	DC 8-36V
Output	5 V @ 500 mA & 12 V @ 500 mA
Maximum Typical Power Consumption	100 W
Standby Power Consumption	≈ 0 W
Physical Characteristics	
Dimensions (mm)	342.4 × 189.5 × 118.0 (with rear shield and bracket)
Weight (kg)	4.1 kg (without hard disks)
Environment	
Operating Temperature	−40°C to +70°C (heated, without hard disks)
Operating Humidity	8% to 95% (non-condensing)



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