



LRS-370

Truck 360 Surround View Host, 2D and 3D

4 x 1080P AHD in | CVBS standard / VGA / AHD optional | DC10-33V | 2D + 3D | 2 TB SSD option

4 x 1080P AHD

2D + 3D view

CVBS / VGA / AHD

10-33V

Shenzhen Jifuan Intelligent Technology Co., Ltd.

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*OEM & ODM welcome - custom logo, packaging, connectors,
cable length and firmware available on request.*

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Key Features & Specifications

KEY FEATURES

- Four 1080P AHD cameras stitched into one 360-degree surround view, with 2D and 3D angles you can switch while driving
- Automatic view change when the driver indicates or selects reverse, so the blind side is on screen before the turn
- Four cameras recorded into a single 1920x1080P file, H.265, about 1.25 GB per hour
- Outputs for old and new screens:** CVBS standard, plus optional VGA, optional AHD and four camera-source outputs
- Large-vehicle stitching algorithm written for trucks, buses and special vehicles - not a passenger-car system
- Farad capacitor on the main supply keeps the recording valid through an illegal power cut
- Wide 10-33 V input with surge, reverse-polarity, low-voltage and short-circuit protection
- Host just 100 x 130 x 29 mm and 0.4 kg, aluminium housing with a brushed anodised finish
- Camera set:** 210 deg horizontal / 126 deg vertical, 1.5 mm F1.6 lens, 0.01 Lux, IP68
- Storage:** mSATA SSD 128 GB - 2 TB, or SD card 8-256 GB
- Optional BSD blind-spot detection and AI visual warning
- Runs from -20 to +70 C and passes MIL-STD-810F vibration, Method 516.5

TECHNICAL SPECIFICATION

Model	LRS-370 (P3 / BSD-P3M-AI)
Operating system	Embedded Linux
Processor	MC6630 dual-core 1.3 GHz / HI-V500 ARM Cortex-A7 quad-core 900 MHz
RAM / flash	DDR3 1600 MHz 4 GB / flash 4 GB
Power consumption	Max 18 W total (host + cameras about 7-8 W, monitor 5 W, alarm 5 W)
Working voltage	DC 10-33 V
Power protection	Anti-surge, reverse-polarity, low-voltage cut-off, short-circuit and overload protection
Video input	4 x 1080P AHD25/30 cameras, GX12-4P aviation male, regulated DC 12 V
Video output	CVBS standard; VGA (DB15) standard; HDMI standard; 2 x AHD25 720P/1080P optional
Output note	AHD and HDMI cannot be used at the same time - choose one
Storage	MSATA SSD (MINI PCIE) 128 GB-2 TB, optional; SD card 8-512 GB standard
Vehicle model set	9 built-in 3D vehicle models, switchable from the menu
Track lines	4 selectable track-line patterns with fine adjustment
Host size	100 x 130 x 29 mm

STUDIO

Product Views



SPECIFICATIONS

Full Technical Specification

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Vehicle model set	9 built-in 3D vehicle models, switchable from the menu
Track lines	4 selectable track-line patterns with fine adjustment
Host size	100 x 130 x 29 mm
Host weight	0.4 kg host; 2.9-4 kg complete kit (varies with harness length)
Host protection	IP51

Host case	Aluminium alloy, brushed anodised finish
Host temperature	Operating -20 to +70 C; storage -40 to +80 C
Camera resolution	AHD 1920 x 1080P
Camera angle	210 deg horizontal / 126 deg vertical
Camera lens	1.5 mm focal length, F1.6 +/-5%, low light 0.01 Lux
Camera rating	IP68, DC 8-16 V, 0.5-1 W each, -30 to +70 C
Video format	H.265
Recording	4 cameras combined into one 1920 x 1080P file, about 1.25 GB/hour
Vibration	MIL-STD-810F Method 516.5

ORDERING NOTES

- Confirm the model, screen size or channel count, and the system voltage used on the vehicle.
- Confirm the connector your harness uses (RCA / 4-pin aviation / GX12) and the cable length.
- Confirm PAL or NTSC, image mirroring and whether reversing guide lines are required.

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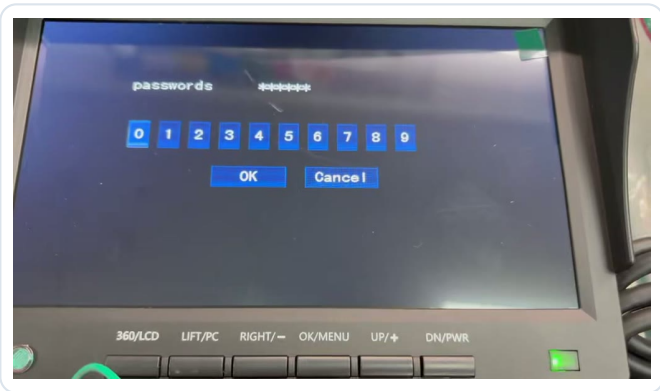
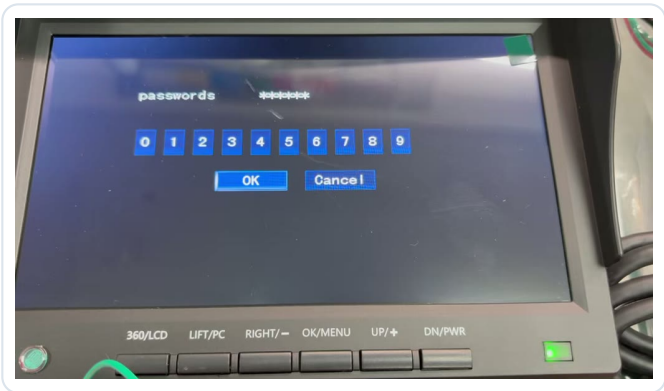
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Product in Operation



Camera Views & Mounting



Kit Contents & Accessories

