JPC-36

Panoramic Front View Camera

720P

Star-light night vision module **Adaptive digital noise reduction**

Shenzhen Jifuan Intelligent Technology Co., Ltd.
Building 9, West District, Zhangge Community, Fucheng Street, Longhua District, Shenzhen, China
OEM & ODM welcome - custom logo, packaging, connectors, cable length and firmware available on request.

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OVERVIEW

Key Features & Specifications

KEY FEATURES

- Surround view (360) front / fisheye camera module for car bird-view systems
- Star-light night vision module: GC2053 1/2.9" or GC2083 1/3" CMOS
- High performance ISP processor with AHD1080P / 720P / CVBS coaxial HD output - clear and detailed image
- External switching between AHD1080P / AHD720P / CVBS
- Fisheye correction supported, up to 180 degree correction (H1-2053 module)
- Min. illumination 0.001Lux@(F1.2, AGC ON), 0LUX with IR

TECHNICAL SPECIFICATION

DSP Chipset	FH8536H + GC2053 (2053 + 8536H)
Video Output	CMOS
TV System	PAL/NSTC
Connector	RCA plug
Power Supply	12V
Resolution	720P

ORDERING REFERENCE / AVAILABLE VARIANTS

CMOS,480TVL,PAL/NSTC,RCA plug,12V ,better quality cool harness,pure copper cable | AHD,720P,PAL/NSTC,RCA plug,12V ,better quality cool harness,pure copper cable

SELLING POINTS & NOTES

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- Adaptive digital noise reduction: 3D-DNR and 2D-DNR
- Supports image mirror / flip, with external control for mirror and colour-to-B/W
- Supports OSD reversing assist lines, reversing lines can be customised
- PAL / NTSC; internal sync, auto shutter, auto day / night
- Frame rate 1080P / 720P @25fps or @30fps
- Module size only 17 x 17 mm - fits into small 360 housings

ORDERING NOTES

- **Video system:** confirm AHD 720P / 1080P or CVBS, and PAL / NTSC before ordering.
- **Image mode:** confirm mirror or non-mirror image, and whether parking guide lines are required.
- **Connector:** confirm 4-pin aviation or RCA, plus cable length (standard 0.3-0.5 m pigtail; 1 m / 5 m / 10 m available) and pinout for your harness.
- Lens angle and mounting position: confirm the required angle and where the camera is fitted (side / rear / front / cabin).
- **Voltage:** confirm your vehicle system - 12V and 24V versions are both available.
- Quantity, packing (colour box / neutral box) and printing or logo requirements.
- **Mounting bracket:** confirm the bracket type and screw thread your vehicle needs.
- Default specification has no parking guide lines. Other angles, NTSC or mirror versions must be confirmed in advance.

USAGE & PRECAUTIONS

- Check the supply voltage and polarity before connecting power; wrong wiring can damage the camera.
- Keep the waterproof connector tight and seal the joint; do not cut or extend the pigtail.
- Route the cable away from heat sources, sharp edges and moving parts, and secure it with clips.
- Clean the lens and the IR window with a soft cloth only; avoid high-pressure washing directly at the lens or connector.
- Do not open the sealed housing - doing so voids the waterproof rating and the warranty.
- A dirty lens or IR window reduces night image quality, so check them during regular maintenance.

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IN DETAIL

Product Views & Applications

TYPICAL APPLICATIONS

Passenger Cars | Taxis & Ride-Hailing | Vans & Light Commercial | Parking Assistance

CUSTOMISATION AVAILABLE

- **Video system:** AHD 720P / 1080P or CVBS, PAL & NTSC - confirmed per order.
- **Connector:** 4-pin aviation / RCA / waterproof plug, with matching cable.
- **Cable length and pinout:** standard pigtail; 1 m / 5 m / 10 m or custom.
- **Image mode:** mirror or non-mirror image, with or without parking lines.
- **Branding:** neutral or customer-branded packaging.