



JPM-718AW

IP69K Waterproof AHD Monitor Series

7 inch and 10.1 inch | 1 / 2 / 4 channel | AHD and CVBS | 12-36V | full metal housing

IP69K water jet tested

5.9G shock

Auto dimming

1/2/4 CH AHD

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

- **IP69K waterproof:** high-temperature, high-pressure water jet (80 +/- 5 C, about 80-100 bar) and dust tested to ISO 20653, report and certificate on file
- Full metal housing and metal U-bracket with 5.9G shock resistance - built for tipplers, mining and construction machinery
- Built-in light sensor adjusts the backlight from 500 to 650 cd/m2 for day and night driving
- AHD up to 1080P plus CVBS on 1, 2 or 4 channels from the same board
- **Display modes:** single, dual, triplex, quad, trefoil, Y-split and picture-in-picture
- Four trigger inputs, priority V2 > V1 > V3 > V4 - reverse and indicators switch the picture automatically
- 12-36V vehicle input with a regulated 12V output that powers the cameras
- Only 5.5 W consumption, so the monitor can stay powered for a long shift
- NTSC / PAL automatic, menu in English, Chinese or Spanish
- Detachable sunshade keeps the picture readable in strong daylight
- U-type, ball-arm or dashboard bracket; RCA or 4-pin aviation connector to match the harness
- Same electronics family as the 10.1-inch JPM-1018W - fleets can mix sizes and keep one spare part list

TECHNICAL SPECIFICATION

Screen	7.0" high digital panel, 16:9 (10.1" version: JPM-1018W)
Resolution	1024 x RGB x 600
Backlight	LED, 500-650 cd/m2, automatic day / night (light sensor)
Viewing Angle	Left / right 85 deg, up / down 85 deg
Video Inputs	AHD and CVBS: 1080P and 720P at 30 / 25 fps, 1 / 2 / 4 channels
Display Modes	Single, dual, triplex, quad, trefoil, Y-split, PIP
Trigger Input	4-way, priority V2 > V1 > V3 > V4
Video System	NTSC and PAL, automatic
OSD	Brightness, contrast, colour, volume, language (EN / CN / ES)
Power Supply	12-36V vehicle battery, regulated 12V output for cameras
Consumption	5.5 W
Working Temperature	-20 C to +70 C (storage -30 C to +80 C)
Waterproof	IP69K to ISO 20653 - report BJ-R240704106A
Shock Resistance	5.9 G

IP69K Water and Dust Test Evidence

WHAT WAS TESTED

- **IPX9K water jet:** 80 +/- 5 C at 8000-10000 kPa (about 80-100 bar), flow 14-16 L/min, four angles (0 / 30 / 60 / 90 deg) for 30 s each - the same conditions as a high-pressure hot-water wash.
- **IP6X dust:** 20 cycles in a dust chamber, no dust inside the housing.
- Report BJ-R240704106A covers both the 7-inch and the 10.1-inch models of the series, so one document supports a mixed order.
- **Real-world proof:** the monitor keeps displaying while water runs over the housing and the screen - the pictures are stills from the factory test video.
- Applicant details are removed from the copies shown here; the complete report and certificate ship with the goods on request.

TEST VIDEO STILLS



EVIDENCE



Water jet



Submerged

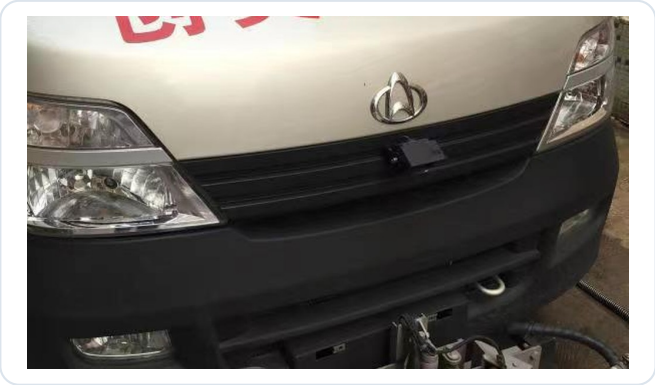
STUDIO

Product Views



IN THE CAB

Installed and Working in Vehicles



SPECIFICATIONS

Full Technical Specification

Screen	7.0" high digital panel, 16:9 (10.1" version: JPM-1018W)
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Video Inputs	AHD and CVBS: 1080P and 720P at 30 / 25 fps, 1 / 2 / 4 channels
Display Modes	Single, dual, triplex, quad, trefoil, Y-split, PIP
Trigger Input	4-way, priority V2 > V1 > V3 > V4
Video System	NTSC and PAL, automatic
OSD	Brightness, contrast, colour, volume, language (EN / CN / ES)
Power Supply	12-36V vehicle battery, regulated 12V output for cameras
Consumption	5.5 W
Working Temperature	-20 C to +70 C (storage -30 C to +80 C)
Waterproof	IP69K to ISO 20653 - report BJ-R240704106A
Shock Resistance	5.9 G
Housing	Full metal housing, detachable sunshade, metal U-bracket
Unit Size	188 x 127.2 x 34 mm; with sunshade 216 x 150.6 x 94 mm
Connector	RCA or 4-pin aviation connector
Accessories	Remote control, power cable, camera cable, manual, U-bracket

ORDERING NOTES

- Confirm the screen size (7-inch 718AW or 10.1-inch 1018W) and the channel count (1 / 2 / 4 CH).
- Confirm the connector your harness uses: RCA or 4-pin aviation.
- Confirm the bracket (U-type standard, ball-arm or dashboard) and whether a touch version is needed.

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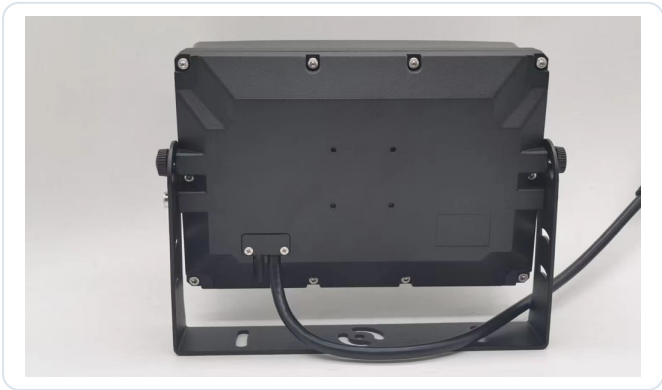
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EVIDENCE

Waterproof Housing, Report and Certificate

SEALED HOUSING - WATER PROTECTION DETAIL



ISO 20653 REPORT AND IP69K CERTIFICATE



Customer Feedback - Units in Service

