
N535DB Vehicle-mounted module specification

1. Scope of application

The information contained in this specification is applicable to N535DB vehicle module and contains key information such as module specification, appearance size and operation instructions.

2. Overview

N535DB The module is composed of 1 / 3 inch, 1 million pixel color image CMOS, sensor and ISP image processing chip, and output 720P analog HD image. ISP has color matrix, sharpness, gamma correction, automatic electronic shutter, automatic white balance, automatic gain control, adaptive backlight compensation, 2D noise reduction, 3D noise reduction, reversing assist line and other functions.

3. Technical parameters

order number	The parameter name	Parameter specifications
1	Sensor type:	CMOS
2	Sensory size:	1/3 "
3	Effective pixels:	1280(H)x720(V)
4	white balance:	voluntarily
5	Automatic Gain Control AGC:	voluntarily
6	Backlight compensation:	have
7	denoise:	2D DNR,3D DNR
8	noise-signal ratio:	>52dB(AGC OFF)
9	Video Format:	AHD 720P@25FPS; AHD 720P@30FPS
10	Video Output:	And 1.0 Vp-p / 75 ohms
11	Gamma correction:	0.45
12	Operating Voltage:	DC12V
13	Operating current:	36mA
13	Power:	0.4W
14	Working temperature:	-40°C~+85°C
15	Exterior Dimensions:	32mm*32mm

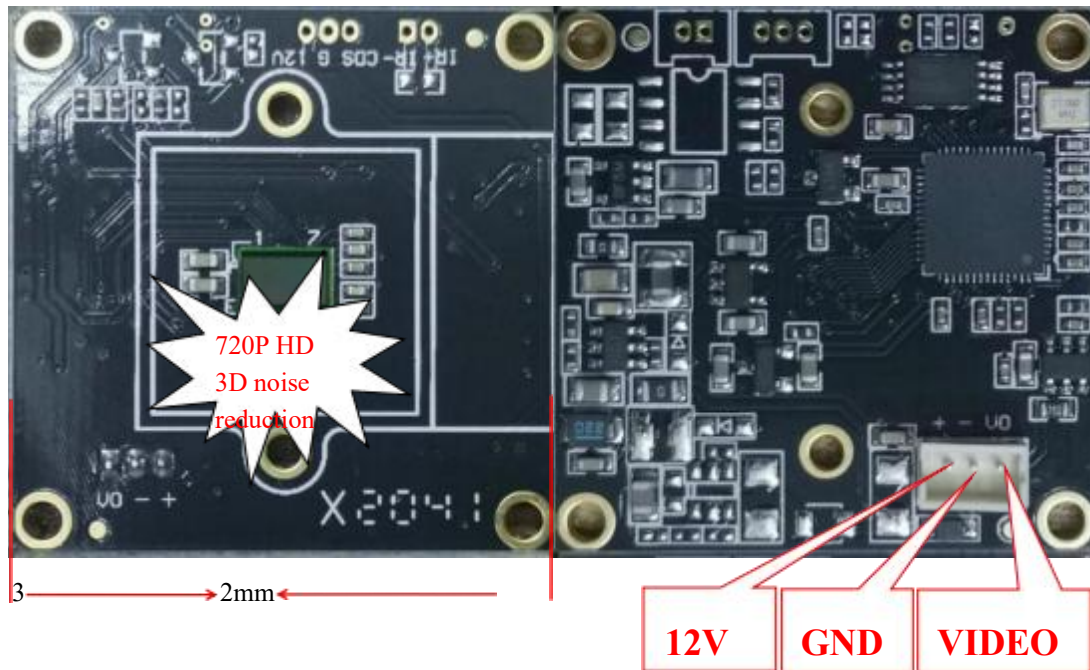
4. Storage method

A. Good storage conditions: refers to the temperature less than 25 degrees, relative humidity less than 65%, temperature control, no corrosive gas in indoor environment, electrostatic bag packaging storage.

B. General storage conditions: refers to the temperature is not higher than 35 degrees, the relative humidity is less than 75%, the indoor environment without corrosive gas, electrostatic bag packaging storage.

C. Long-term storage: if used to avoid moisture risk, baking at 80 degrees for 4 hours, must be re-tested.

5. Appearance and interface



12V	power input
GND	the earth
VIDEO	video monitor 525 vidicon video out

6. Video output mode

order number	model	explain
1	N535DB-AHD-P-M	AHD output \ 720 P @ 25 FPS \ mirror
2	N535DB-AHD-P-M-L	AHD output \ 720 P @ 25 FPS \ mirror \ reversing line
3	N535DB-AHD-N-M	AHD output \ 720 P @ 30 FPS \ mirror
4	N535DB-AHD-N-M-L	AHD output \ 720 P @ 30 FPS \ mirror \ reversing line
5	N535DB-CVBS-P-M	CVBS output \ PAL \ mirror
6	N535DB-CVBS-P-M-L	CVBS output \ PAL \ mirror \ reversing line
7	N535DB-CVBS-N-M	CVBS output \ NTSC \ mirror
8	N535DB-CVBS-N-M-L	CVBS output \ NTSC \ mirror \ reversing line

Update dated: 12 October 2020