
N732-3V3-16 Vehicle module specification

1. Scope of application

The information contained in this specification is applicable to N732-3V3-16 vehicle module and contains key information such as module specification, appearance size and operation instructions.

2. Overview

The N732-3V3-16 module uses a 1 / 6.5-inch, 32 0,000-pixel color image CMOS sensor to output a CVBS analog image. It has color matrix, sharpness, gamma correction, automatic electronic shutter, automatic white balance, automatic gain control, adaptive backlight compensation, 2D noise reduction, reversing auxiliary line, standard switching, mirror switching and other functions.

3. Technical parameters

order number	The parameter name	Parameter specifications
1	Sensor type:	CMOS
2	Sensory size:	1/6.5 inch
3	Effective pixels:	640(H)x480(V)
4	CRA:	25 °
5	white balance:	voluntarily
6	Automatic Gain Control AGC:	voluntarily
7	Backlight compensation:	have
8	denoise:	2D DNR
9	noise-signal ratio:	>52dB(AGC OFF)
10	Video Format:	CVBS NTSC; CVBS PAL
11	Video Output:	And 1.0 Vp-p / 75 ohms
12	Gamma correction:	0.45
13	Operating Voltage:	DC3.3V
13	Operating current:	60mA
14	Power:	0.2W (U=3.3V)
15	Working temperature:	-30°C~+85°C
16	Exterior Dimensions:	The 16mm round shape

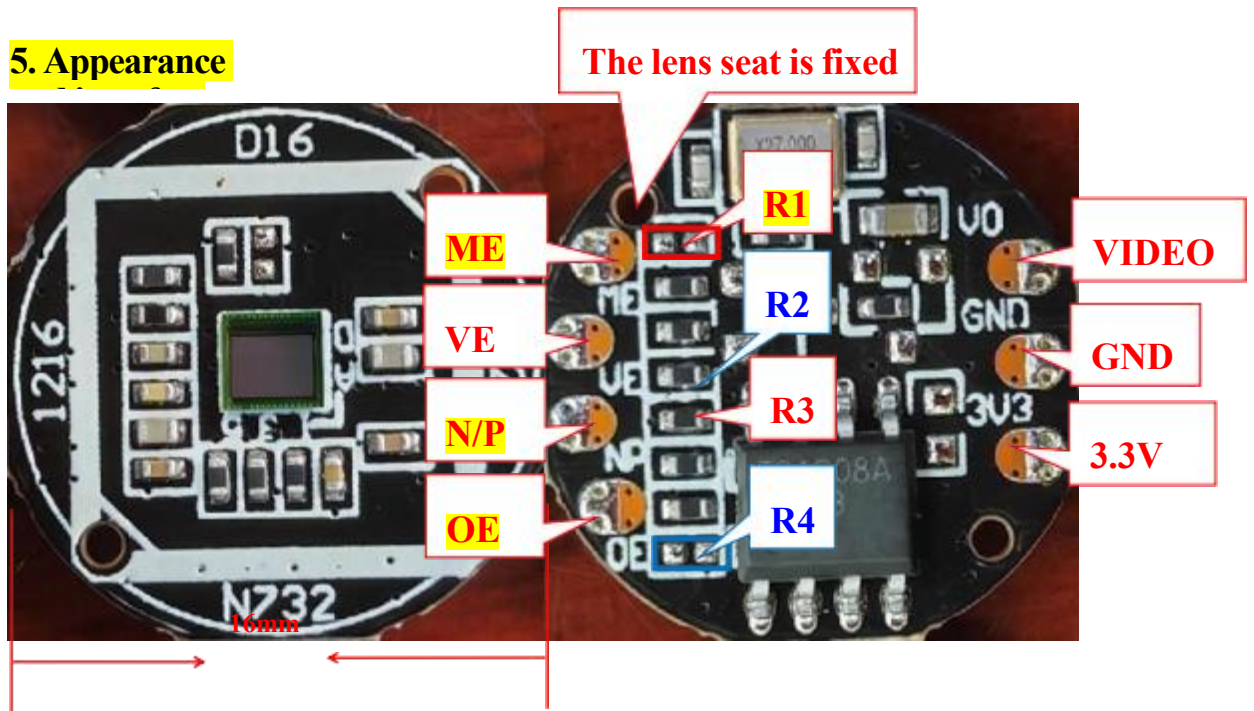
4. Storage method

A. Good storage conditions: refers to the temperature less than 25 degrees, relative humidity less than 65%, with temperature control, indoor environment without corrosive gas, 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 you need to use, avoid moisture risk, need high temperature 80 degrees baking for 4, hours, must be re-tested.

5. Appearance



3.3V	power input
GND	the earth
VIDEO	video monitor 525 vidicon video out
ME	Control image: default image, R1 not attached; ground image.
VE	Control orientation: default orientation, R2 patch; remove inversion.
N/P	Control video system: default NTSC, R3 patch; remove PAL.
OE	Control reversing marking: default mark, R4 not stick; ground without mark.
Note: Normal shipment R1 and R4 are not posted, and the default output NTSC mirror is marked.	

6. Video output mode

order number	model	explain
1	N732-3V3-16-PAL	The output CVBS PAL is as like
2	N732-3V3-16-PAL-M	Output the CVBS PAL mirror image
3	N732-3V3-16-PAL-M-L	The output CVBS PAL mirror is marked
4	N732-3V3-16-NTSC	The output CVBS NTSC is as like
5	N732-3V3-16-NTSC-M	Output the CVBS NTSC mirror image
6	N732-3V3-16-NTSC-M-L	Output CVBS NTSC, and the mirror is marked

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