
N9527C-3V3-14 Vehicle module specification

1. Scope of application

The information contained in this specification is applicable to N9527C-3V3-14 vehicle module, including key information such as module specification, appearance size and operation instructions.

2. Overview

The N9527C-3V3-14 module uses a 1 / 4.5-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:	1/4.5 inch
3	Effective pixels:	640(H)x480(V)
4	CRA:	15 °
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:	-20°C~+70°C
16	Exterior Dimensions:	A 14-mm round shape

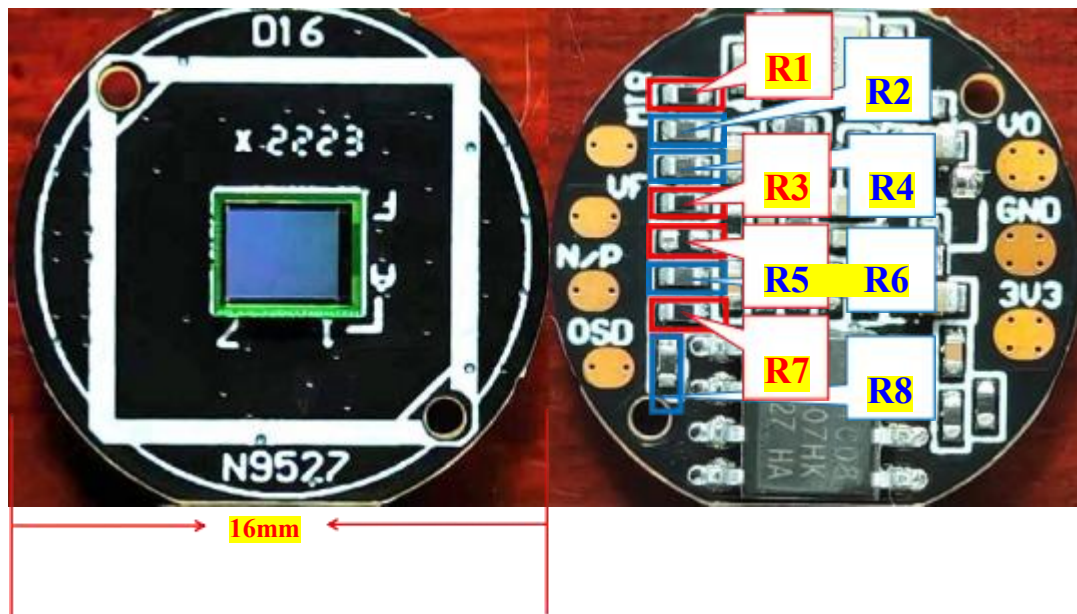
4. Storage method

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 necessary to use, avoid moisture risk, need high temperature 80 degrees baking for 4, hours, must be re-tested.

5. Appearance and interface



3V	Power
3	input
GN	video monitor 525 vidicon video out
D	
VO	Control image: default image, do not do line control correction image need to remove R1; Control image: remove R1; negative line control; remove R2 (remove R3).
	Control flip: default image, do not do line control change flip need to remove R3;
VF	Control flip: remove R3 from positive line control; negative line control from R4.
N/P	
	Control signal system: default NTSC: R6 patch, positive linear output PAL; control signal system: PAL: R5 patch, negative wire

6. Video output mode

order number	model	explain
1	N9527-3V3-16-PAL	The output CVBS PAL is as like
2	N9527-3V3-16-PAL-M	Output the CVBS PAL mirror image
3	N9527-3V3-16-PAL-M-L	The output CVBS PAL mirror is marked
4	N9527-3V3-16-PAL-M-F-L	The output CVBS PAL flip mirror is marked
5	N9527-3V3-16-NTSC	The output CVBS NTSC is as like
6	N9527-3V3-16-NTSC-M	Output the CVBS NTSC mirror image
7	N9527-3V3-16-NTSC-M-L	Output CVBS NTSC, and the mirror is marked
8	N9527-3V3-16-NTSC-M-F-L	The output CVBS NTSC flip mirror is marked