

4. General Specifications

ADB-156FHD03AM1 is connected with TFT LCD panels used in liquid crystal display driver board, this monitor program can support up to 1920x1200 resolution (supports independent horizontal or vertical scaling) , color support to 24bit, line frequency of 30 to 90KHz, 56 to 75Hz field frequency range signal can be synchronized automatically detect synchronization mode requires the use of horizontal and vertical sync signals separated.

4.1 Product Function Description

Model	ADB-156FHD03AM1	
Chip solution	Single chip	
Screen panel	Drive interface	EDP
	Resolution	Up to 1920*1200
	HDMI	480i,480p,576i,576p,720p,1080i,1080p
	DP	480i,480p,576i,576p,720p,1080i,1080p
Audio	Frequency response	±3dB
	Distortion(THD)	1.5~2.0%
	Signal to Noise ratio	80dB
Power	Working voltage	12V
	Stand-by power	<1W
OSD Language	Simplified Chinese/Traditional Chinese English/French/Spanish/Japanese/Polish.	
Key function	POWER, MENU, SOURCE,RIGHT,LEFT	

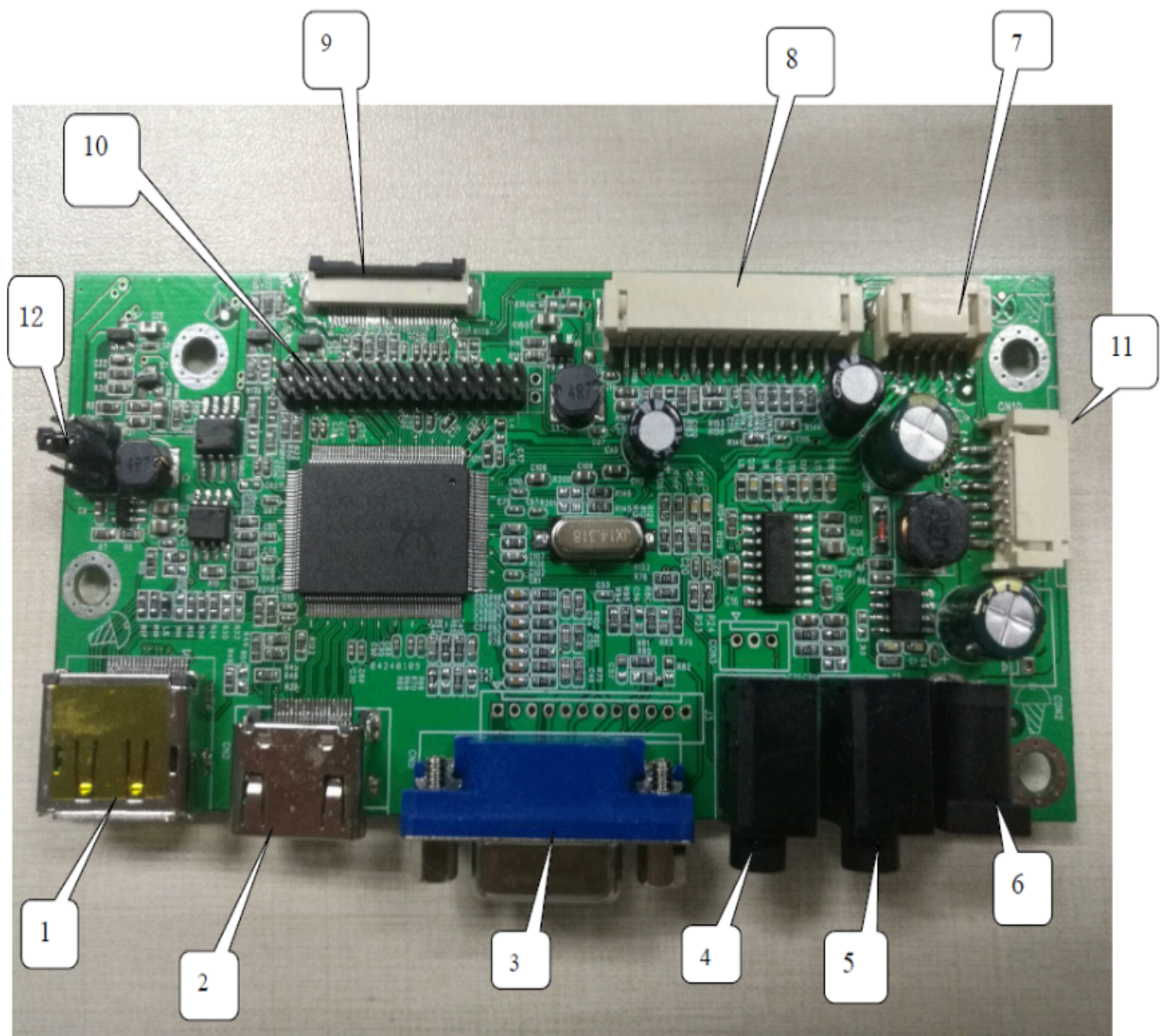
5. Operating and Storage Environment

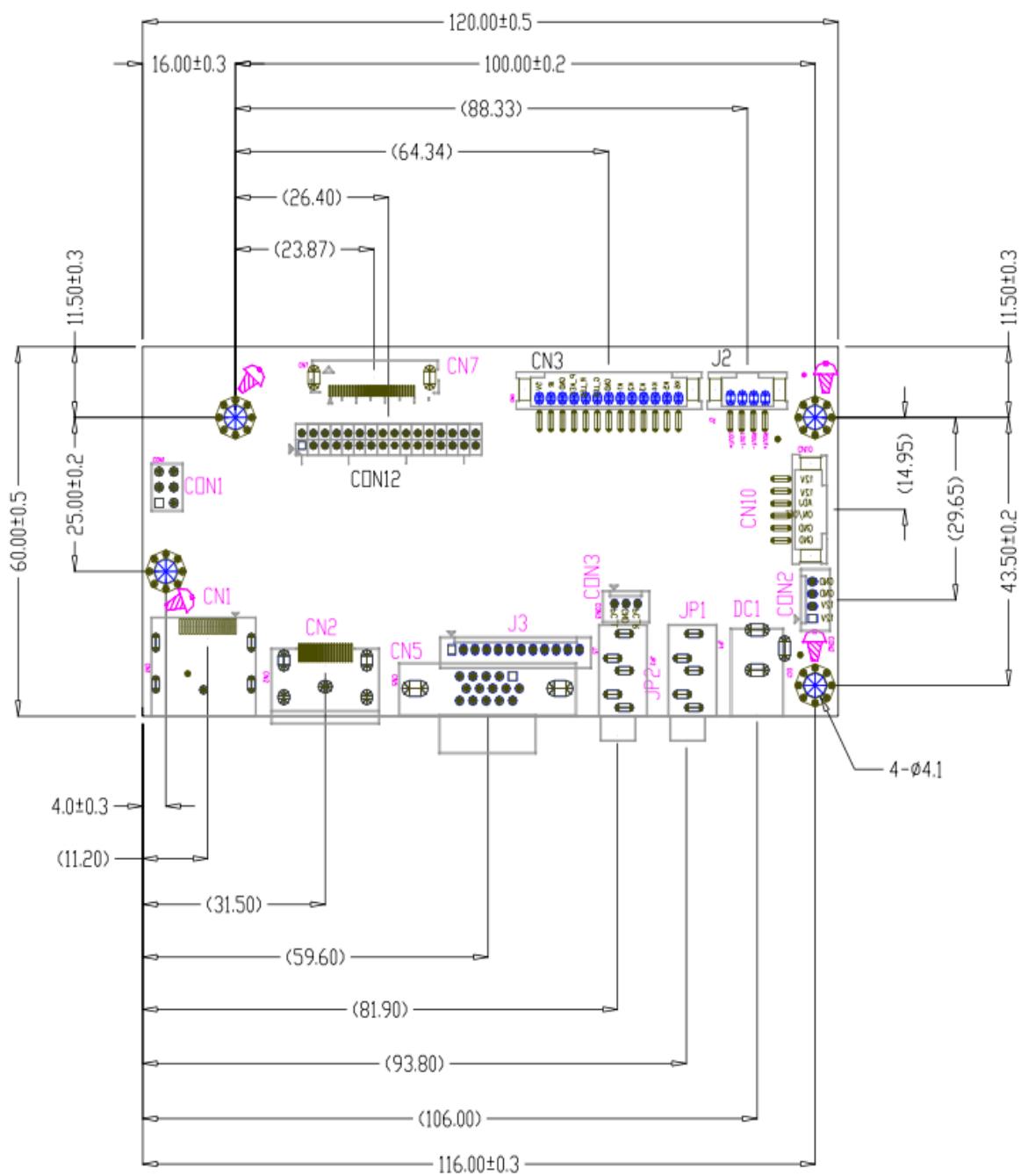
5.1 Operating Temperature: $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$

5.2 Operation Humidity: 80%RH (no condensation)

5.3 Storage Temperature: $-30^{\circ}\text{C}\sim+80^{\circ}\text{C}$

6. Production outline drawing and physical Picture (unit:mm)





UNIT:mm

Number	Description	Number	Description
1	DP Input	7	Speaker Interface
2	HDMI Input	8	OSD Connector
3	VGA Input	9	eDP Interface
4	VGA Audio Input	10	LVDS Interface
5	Headphone Jack	11	Power Supply for Backlight
6	Power Jack	12	Jumper for Power Level