R2AP
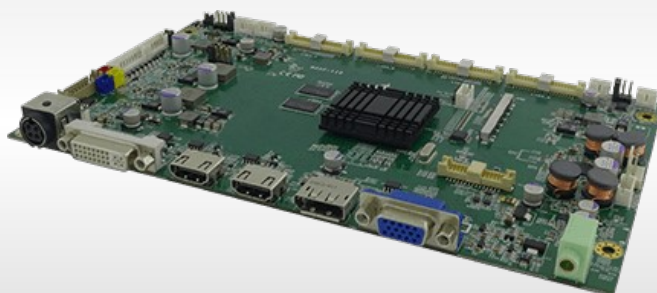## LCD Scaler Board (4096 x 2160, 4K UHD)

CE
FC

KEY FEATURES

- Support panel interface: LVDS (10-bit), V-By-One, eDP
- Signal Input: DVI-D, HDMI 1.4, HDMI 2.0, Display Port 1.2, VGA, Audio in
- HDCP 1.4 protect support with DVI, HDMI, Display Port
- 12/ 24 V input (with jumper settings)
- Operating Temperature 0~+50°C
- Storage Temperature -20~+60°C

INTRODUCTION

For demanding environments that require precision, the Winmate R2AP is an ideal solution. This rugged monitor offers responsive control, built to withstand dust, moisture, and shock, making it perfect for industrial automation, monitoring, and machine control.

SPECIFICATIONS

System

Support Panel Interface	LVDS(10-bit), V-By-One, eDP	Resolution	4096x 2160

IO Ports

Video	1 x VGA 1 x DVI 1 x HDMI 1.4 1 x HDMI 2.0 1 x Display Port 1.2	Audio	1 x Audio in

Certification

Certification	CE, FCC

Environment

Operating Humidity	10% to 90% (Non-Condensing)	Operating Temperature	0~50°C
Storage Temperature	-20°C~60°C		

Power

Power Rating	12/24V input (with Jump setting)

WiNMATE

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DIMENSIONS UNIT:MM

217

15.05

120

20

1.60

❶ Power Input	❹ DP	
❷ DVI	❺ VGA	
❸ HDMI	❻ Audio	
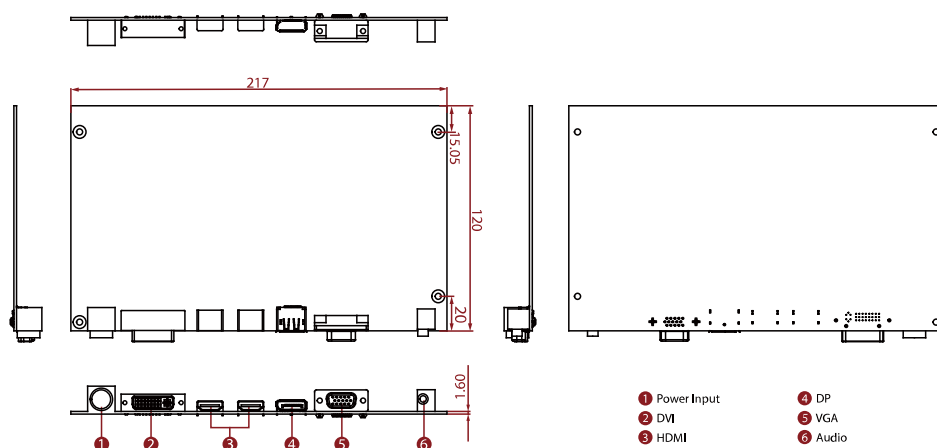
NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.

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