

Overview

ARCHER RGB 60000 is an upgraded model from the ARCHER RGB 40000. Although the power output increases, the beam divergence remains relatively the same.



Front Panel



Rear Panel

ARCHER RGB 60000 has 2 sub-models to fit the needs of different power range and budget.



ARCHER RGB 50000



ARCHER RGB 60000

Specifications

Spec Power @ Light source

	<u>ARCHER RGB 50000</u>	<u>ARCHER RGB 60000</u>
R	115000 mw@638nm	115000 mw@638nm
G	16500 mW@520nm	19500 mW@520nm
B	23000 mW@450nm	29000 mW@450nm

Beam Profile

	<u>ARCHER RGB 50000</u>	<u>ARCHER RGB 60000</u>
Beam Diameter (Projector Window) :	10mm * 7.5mm	10mm * 7.5mm
Divergence (Full angle) :	~ 1.3mrad	~ 1.3mrad
Modulation :	Analog 50KHZ	Analog 50KHZ
Laser Class :	Class IV	Class IV

Scanner

Galvo :	25kpps @ 8° ILDA test pattern
Scan Angle :	50° Max

Interfaces & Controls

Control :	ILDA in (Differential), ILDA out
Safety :	Key Switch, FDA Scan-safe Switch
Remote Interlock :	5 pins XLR
Scan Image Invert :	Invert-X, Invert-Y, Rotate 90°
Mains :	Neutrik PowerCon® TRUE1 TOP

Optional Components

Embedded Controller :	Pangolin FB4 (upon request)
Scanner :	EMS 9000 30Kpps digital scanner (48°Max angle)

Thermal Control

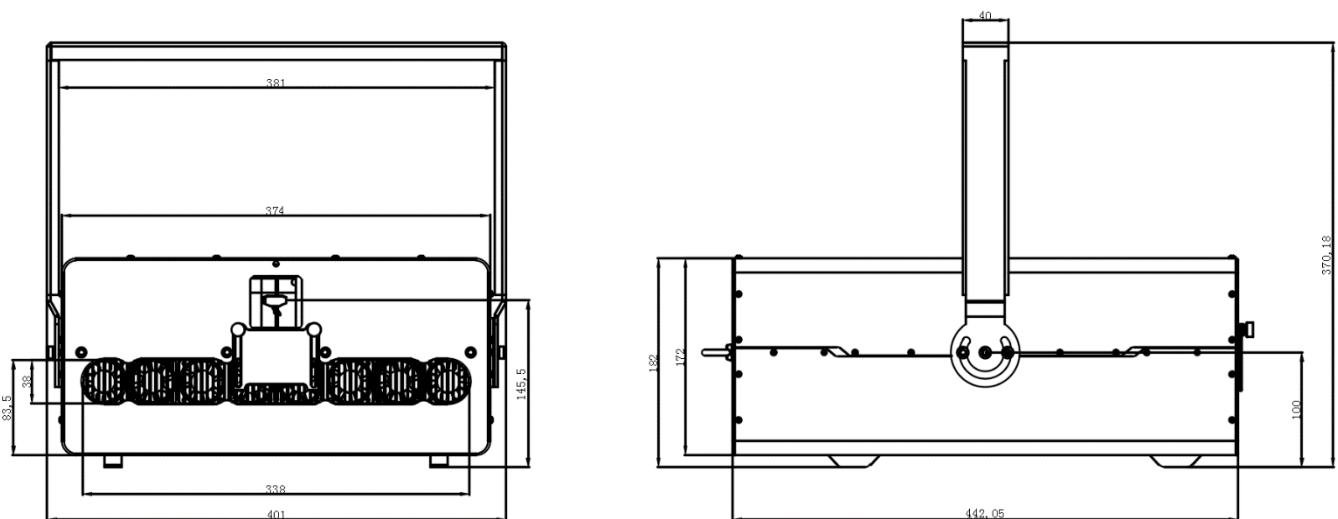
Cooling :	Active Cooling/heating by TEC Peltier Elements
Ventilation :	40mm Low noise thermal-controlled fan * 8

Electric

Operating Voltage :	AC 110V-240V
Power Consumption :	1200W Max

Physical

L* W * H :	442mm* 374mm* 182mm (Without Yoke)
Weight :	28kg (Without Yoke)
Housing Materials :	Black Anodized Aluminum
IP grade :	IP52
Packaging :	Flight case



Compliance

Compliance	FDA/CDRH, CE
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Warranty

Warranty	24 months parts and labor
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* The above specifications subject to change without prior notice