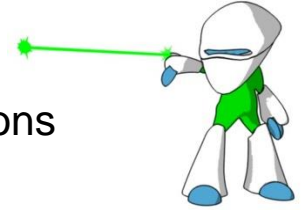


LASERENCORE

Professional laser light shows, displays and installations



STINGER RGB 30,000

Overview

STINGER RGB 30,000 is a full-color professional laser projector designed for MEGA-scale outdoor applications. Its high-power output makes it a top choice for lighting designers and event professionals that demand the brightest lasers in the industry.



Specifications

Light Source

Red: 6660mW @ 637nm Single Mode Direct-Inject diodes

Green: 8000mW @ 520nm Multi-Mode Direct-Inject diodes

Blue: 16000mW @ 445nm Multi-Mode Direct-Inject diodes

Total Output @ Projector window: 23000mW ~ 24000mW

Beam Diameter (Projector Window): < 6 mm

Divergence (Full angle): < 1mrad (Full angle)

Modulation: Analog 50KHZ

Laser Class: Class IV

Scanner

Galvos: 35K (EMS 8000 40K upon request)

Scan Angle: 60° Max

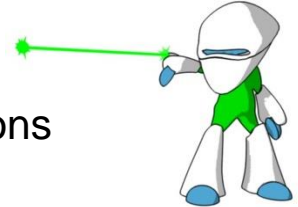


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1-(651)633-8000 info@laserencore.com www.laserencore.com

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Interfaces & Controls

Control: ILDA in (Differential), ILDA out
Built-in Controller Pangolin FB4 (upon request)
DMX / Ethernet (Optional)
DMX in / Out (When FB4 & DMX daughter board is embedded)
Ethernet RJ45 in/Out (When FB4 is embedded)
Safety: Key Switch, Scan-Fail-Safe Switch
Remote Interlock: 5 pins XLR
Scan Image Invert: Invert – X, Invert – Y
Color adjustment: Intensity R, G, B (0-100%)
Mains: Neutrik PowerCon®

Thermal Control

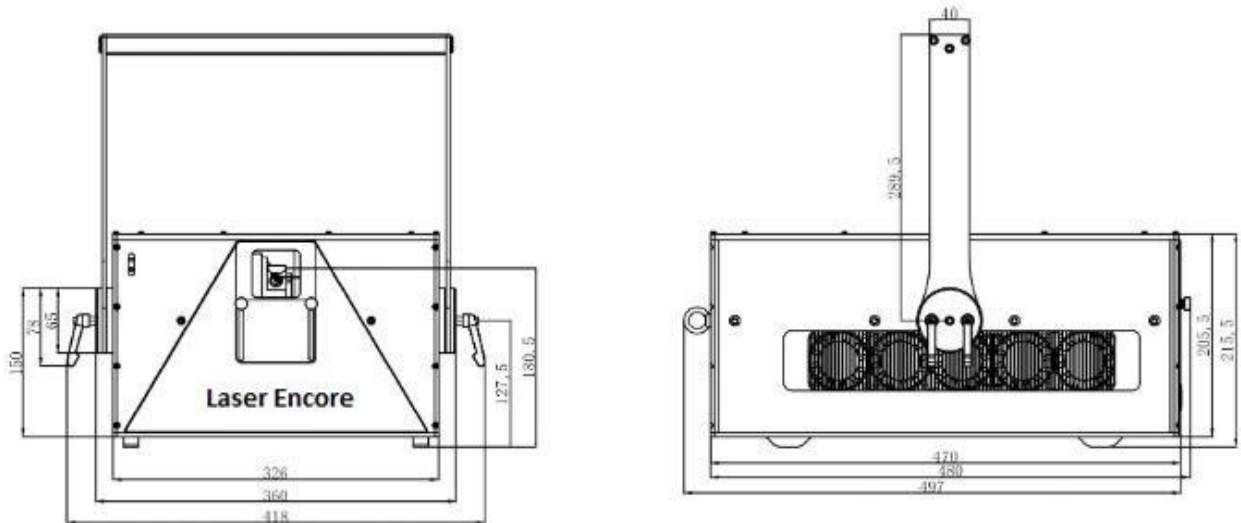
Cooling: TEC Peltier Elements
Ventilation: 60mm Low noise fan * 4

Electric

Operating Voltage: AC 110V-240V
Power Consumption: 650W Max

Physical

L * W * H: 470mm * 326mm * 215mm (Without Yoke, Without feet)
Weight: 30 kg
Housing Materials: Black Anodized Aluminum
IP grade: IP54
Packaging: Flight case
CDRH, FDA, CE and RoHS certified



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