

KVANT Logolas 3000

Laser Display Systems



Type:	full colour semiconductor diode laser system
Guaranteed optical output:	3000mW
Suitable for:	laser graphics - up to 200m distance
System control:	WiFi [access point through inbuilt modem]
Scanning system:	ScannerMAX 506 Compact 40kpps @ 8°
Safety:	fully complies with the latest EN 60825-1
Weight:	9kg [including mounting bracket]
Package includes:	power lead, E-STOP remote with 10M cable, set of 2 safety keys, CD with PDF manual
R G B [mW]:	700 900 1500 [*see note]
Beam size [mm]:	3.5 x 4
Beam divergence:	<1mrad [full angle]
Modulation:	analog, up to 50kHz
Power requirements:	100-230V/50Hz
Consumption:	max. 250VA
Operation temperature:	0-40 °C
Ingress protection rating:	IP65
System features:	Scan-fail safety, scanning system protection
Laser safety features:	Keyed interlock, emission delay, micro-switch interlock, scan-fail safety, V-RAD 506 mechanical shutter [reaction time <20ms, adjustable aperture masking plate (optional)]

*Due to Advanced Optical Correction technology used in our laser systems the optical power output of each laser colour within the system may slightly differ from the specification of respective laser module(s) installed. This does not affect the guaranteed total output power.



Logolas 3000 is versatile, simple to use and inexpensive solution for **outdoor laser advertising**. The full colour laser system is built into IP65 rated casing. The laser is controlled through an inbuilt interface which has all your graphic and animation files stored on SD card.

The content is uploaded to the laser via inbuilt Wi-Fi network module.

With Logolas you can turn virtually any flat surface into a **billboard** that after dusk will outshine any other type of advertising and whose content can be changed as often as required.

The ScannerMax SIM-506 scanning system utilised in Logolas delivers up to **40kpps** scanning which is fast enough for any basic laser graphics, text or animations.

How this works?

- use supplied software utility called Quazar to create your own graphics and animation frames
- save the frame files onto HDD
- start Moncha .NET laser control software
- create effect cues and shows using saved frames and supplied effects
- set the time schedule for the effects and shows
- export required cues and shows to Logolas via Wi-Fi network
- Logolas will handle the playback according to your settings

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