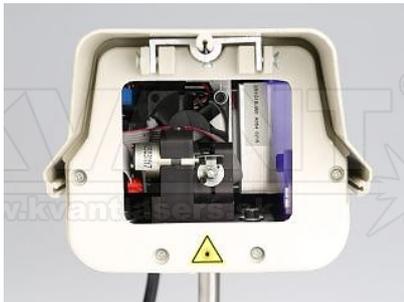


# KVANT Logolas 1800

Laser Display Systems



Type:	full colour semiconductor diode laser system
Guaranteed optical output:	1800mW
Suitable for:	outdoor laser graphics from up to 80m distance
Control signal:	Ethernet and SD card
Scanning system:	ScannerMAX 506 Compact   40kpps @ 8°
Safety:	fully complies with the latest EN 60825-1
Weight:	3.1kg
Package includes:	power lead, E-STOP remote with 10M cable, set of 2 safety keys, CD with PDF manual

\*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

R   G   B [mW]:	300   600   1100 [*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:	IP68
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System features:	Power output adjustment for each colour, X & Y axes invert, X & Y size and position, scan-fail safety mode selector, scanning system protection, output window wiper
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Laser safety features:	Keyed interlock, emission delay, magnetic interlock, scan-fail safety, V-RAD 506 mechanical shutter   reaction time <20ms, adjustable aperture masking plate
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Logolas is a versatile, simple to use and inexpensive solution for **outdoor laser advertising**. The full colour laser system is enclosed in plastic IP68 rated casing equipped with output window wiper and controlled by an inbuilt control interface that holds all necessary animations loaded onto the SD card.

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