



tarm 13

The tarm 13 is a compact and robust powerhouse. It combines high performance with precision. The built-in ShowNET for controlling DMX, ArtNET, LAN, ILDA and ILDA Streaming etc. offers a wide range of applications. The tarm 13 is the perfect companion for any lighting designer. It is also ideal for rental companies, professional shows, installation projects, festivals, large stages, mapping projections and graphic installation projects.

IP54 waterproof laser system, suitable for outdoor use.

- 13'000 mW guaranteed power
- Complex graphics capable - 45kpps @ 8° ILDA scanners – upgradable to 60kpps
- Extremely sharp intense beams - low divergence of <0.8 mrad
- IP54 waterproof housing
- Integrated powerful mainboard with advanced configuration features (geo-correction, zone setup, color balancing, etc.) and DAC feature
- Integrated network switch for linking the control signal
- Control screen for convenient mode selection
- Rugged tour-grade compact housing
- **Laser Artists' choice**
- **Lighting Designers' choice**
- incl. waterproof flightcase



ShowNET mainboard as standard:

- Various control options: **ILDA, Professional DMX and ArtNET** (two modes), **LAN** (computer control, integrated DAC), **Stand-Alone Operation, ILDA Streaming Receiver, Master-Slave**
- Create **custom content**, store it inside the laser and play it back in different modes
- **Free laser show control software** included

TECHNICAL DETAILS

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|-------------------------------------|--|--------------------------|---|
| Guaranteed Power at aperture | 13'000 mW | Laser Source | RSL modules |
| Power Red | 4'000 mW / 637 nm | IP rating | IP54 |
| Power Green | 5'800 mW / 525 nm | Basic Patterns | over 120 (layers, tunnels, fences, waves, etc.) |
| Power Blue | 5'000 mW / 455 nm | Accessories | Incl. waterproof flightcase, rain cover, power cable, manual, key, interlock connector, full version Showeditor software license included |
| Beam Specifications | ca. 5.0 mm / <0.8 mrad | Power Supply | 85 V - 250 V / AC |
| Scanner | 45kpps @ 8° ILDA; optional CT-6210 with LAS Turboscan: 60 kpps@8° ILDA, max. 60° | Power Consumption | 350 W |
| Max. Scan Angle | 50° | Dimensions | 441/260/153 mm |
| Operation Modes | ILDA, DMX, LAN, ArtNet, integrated SD card, stand-alone, master-slave; integrated intelligent ShowNET laser mainboard with display | Weight | 17.5 kg |
| Laser Class | 4 | EAN / MPN | 7640144996529 |



AVAILABLE MODIFICATIONS:





*Due to Advanced Optical Correction technology used in our laser systems the optical power of each colour within installed laser module(s) may slightly differ from the specification of respective laser module(s). Divergence FWHM average depending on model.