

Atom XR 18 jp

PRODUCT SPECIFICATION SHEET



Atom XRは、お客様のニーズを徹底的に追求し、私たちの30年にわたる技術と知識、そしてKVANT独自の「魔法」を注ぎ込み、ゼロから設計されました。全イベントの99%をこれ1台でカバーできる、まさに「究極のレーザー」です。

スロバキア自社工場で100%生産され、細部に至るまで一切の妥協はありません。驚くほどコンパクトで軽量のボディには、最新のモジュール構造と冷却システム、そして高精度なJunoスキャナーを凝縮。さらに、FB4インターフェースや360度回転ブラケット、内蔵安全ワイヤー、ステージロケーターなど、現場が求めるすべての機能を標準装備しました。

最大のハイライトは、内蔵された高度なマルチレベル・テレメトリです。シリアル番号から位置情報、稼働時間、温度、筐体の傾きまで、オンラインで瞬時にアクセス可能。機材のすべてを、あなたの手のなかで完璧にコントロールできます。



<https://kvant.jp/>

SPECIFICATIONS

Source IP-rating Type:	Semiconductor laser diode IP65 Full-colour RGB laser projector
Suitability:	Outdoor laser displays [atmospheric, abstract, text, animations]
System control:	FB4-SK [Ethernet, ArtNet, DMX, ILDA PC, Lighting Console or Autoplay]
Compliant with:	EN 60825-2
Weight [kg]:	14
Size [WxHxD, mm]:	209 x 194 x 408
Guaranteed opt. output:	17.5 watts
Installed modules R G B [W]:	4 5.5 9 *note A
Wavelengths [nm, ±5nm]:	638 525 455
Beam size [mm]:	7 x 7
Beam divergence [mrad]:	max. 1.1 mrad [full angle, **note]
Analogue modulation [kHz]:	100
X-Y scanners:	Juno 5 30 kpps @ 8°, max. scanning angle 50° on both axes
Power requirements [V] Input:	100-240/50-60Hz Neutrik powerCON TRUE1
Max. power consumption [VA]:	800
Operation temperature [°C]:	10-40 [Monsoon protection enclosure with AC unit on request]
Included in the set:	Heavy-duty flight case, IP65 1.5M AC power cable, IP65 25M Ethernet rj45 signal cable, E-STOP Remote with IP65 25M 3-pin XLR cable, Set of 4 safety keys, Interlock bypass dongle [supplied for the USA only], USB memory stick with the user manual, QC certificate. Pangolin QuickShow laser control and creation software is available for FREE download.
HW features:	• Telemetry sensors • 360-degree swivel-sliding mounting bracket • DMX-controlled LED blinder / Device Stage Identifier (5-watt COB LED, 4000K, 920lm, focused to 10 degrees) • Retractable safety rope • An aiming piece with a spirit level • Scanning system overload protection • All the basic system settings and adjustments, such as power output adjustment for each colour, X & Y axes invert, X & Y size and position, etc., are managed via the built-in FB4 control interface.
Laser safety features:	Keyed interlock, emission delay, magnetic interlock, scan-fail safety, fast electromechanical shutter [reaction time <20ms], adjustable aperture masking plates, inbuilt retractable safety rope, Emergency STOP system with keyed remote and manual RESTART button.
note A:	Due to Advanced Optical Correction technology used in Kvant systems, the real power output of each laser module installed within the system may slightly differ from its specification. This doesn't affect the total guaranteed power output of the system.
note B:	The beam divergence total is calculated as an average arithmetic value of all individual colours. The divergence of each colour is calculated as: 1. FWHM of the beam cross-section for round beams, or 2. The arithmetic average of the beam's horizontal and vertical divergence for all rectangular beams.