



(highlight:at-the-glance)

LED-Cube 60m<sup>2</sup>, seamless playable all around

ELS – "ENTRY LEVEL SYSTEM" FOR AN ADORABLE PRICE

# ALEZEN 625ELS

MODUL

Application	indoor (fix installation, rental)	operation in high humidity; large temperature differences (ice rinks and swimming pools, winter sports arenas)
Technology	passive system centralised logic board and power supply	The PCB-A process adopted from the experience of our high-end systems to guarantee increased operation in humid environments
Resolution	6.25 mm pixel pitch, symmetrical	LED type: NH-1921 RGBA-SG
Size & Material	250 x 250 mm   0.7 kg	plastic injection molding
Brightness	1800 nits	after calibration
Viewing Angle	> 160° / 140° (horizontal/vertical)	side view of LED-system from the audience and TV cam's
Body Structure	fanless system with dust/water protection	IP65 standard on front- and rear-side

PANEL

Panel / Frame	11.9kg   500 x 1000mm ( W x H)	aluminium alloy, die-casting, durable
Gray Scale	16 bit	hardware based
Scan Rate	1/8	
Sport Photographer	1 : 1600 / sec, shutter speeds	
Broadcast Standards	refresh rate 3'840Hz (60fps)	international broadcast flicker free
Front Mask	front mask with high flatness	high flatness guarantees
Service	front & back maintenance	hot plug maintenance, hybrid power-/data cable technology
Corner Frame	seamless corner structure (optional)	500x1000 frame: 4 frame, 90° radius 1.2m

SYSTEM

LED Controller	full redundant system with UPS, 4K	HDMI / DP input, optical single-mode channel output
PlayOut Media System	<b>SLAM.SYSTEMS</b> modular and redundant PlayOut system (control, administration playback) (optional)	graphic-interface for free scalable scoreboard, liveTV, advertising, use for simple, single application up to complete stadium solution
Redundancy	data signal for redundant operation from media PlayOut-, via the controller to the LED-system	interconnect with EtherCON Data- & PowerCON Power-Cable
Power Consumption	65W/m <sup>2</sup>	watt by 225V/50Hz (stand:by)
	215W/m <sup>2</sup> current average	power consumption pays off for IceHockey Match with floodlights, a mix of animated and static content during the game
	365.5W/m <sup>2</sup>	current max. full white, full brightness
Lab	CE, RoHS, EMC class A	system power-on by cascaded & delayed main power distribution
Sustainability compliance	swiss warranty	In-house development & production for a long lifetime with guaranteed spare parts supply through selected components, inexpensive maintenance , 20 years experience in LED technology



LED Panel 500x 1000mm (8x 250x250mm modules)



LED-PCB own, specially developed manufacturing process



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