rounds
LED IT TALK

(highlight:at the glance)   UEFA Nations League, St. Jakob Stadium Basel, Switzerland

Swiss Quality for reasonable price!

TSCHILIN 10A OLS

Application	outdoor / indoor (fixinstallation or rental)	screen, score-, fascia-bord, perimeter system
Resolution	10mm, asymmetric pixel pitch (moires reduction)	LED Type: KL-2727-RA3 (large led-substrate for low power, low heating, color stability. customized selected batch
Size & Material	400 x 450 mm (16:9) | 4,8kg	aluminium-alloy, die casting, robust, lightweight
Brightness	6600 nits	after calibration
View Angle	170° with high flatness (for wide viewing angle)	perfect readable content from the baseline football field camera
Body Structure	close- & fanless-system dust- & water-protection IP67 front / back	design for longlife with selected components, optimized heat absorption with dual hubox, fast lock for rental system
Technology	hybrid LED system with dual power supply for redundancy, fully data-redundancy	together with selected components an ultrafast image build-up without ghost shadow effect
Gray Scale	16 bit (Nova A5s+)	advanced: hard-& software-based technology for natural color, high contrast from 1% to 100% luminosity, sport photographer up to 1 : 2000 / sec shutter speeds no black lines and missing picture, flicker free broadcast signal up to slow-motion cam's for high readability of advertising – this with our more than 10 years experience of International UEFA-class systems.
Scan Rate	1/3	
Sport Photographer	1 : 2000 / sec, shutter speeds	
Broadcast, TV	50/60Hz Signal Frequenz / 6900 Hz refresh rate	
Front Mask	LSS laminated front rubber mask EN 13823 EN ISO 1716 (SMOGRA, FIGRA, THR, TSP)	flatness guarantee up to 80 ° C, UV-protected

Service	front & back maintenance (include HuBox)	hot plug system for maintenance into a match
Alignment	perimeter, horizontal, 90° straight screen: horizontal, vertical	perimeter: mounting feed system, soft top cover screen & fascia: wall mounting system
Frame/Panel	size: 1600x 900mm, weight: 48kg/m^2	aluminium extruded process, with feet & top cover = 950mm, twist panel for round corner (4 panels = 90° corner)
Gates (Perimeter)	combined swing access- & exit-gate (optional)	both way open: to the field, from the field away

LED Controller	full redundant system with UPS (optional)	HDMI input, Fiber Channel output (1GB)
PlayOut System	SLAM.SYSTEMS PRO modular and redundant PlayOut system, control, administration playback (optional)	graphical-interface, playlist admin brightness control, sun shader, preset color setting on clip, adjustment direct with NovaController
Handling	fast system setup-ready to play (248 m = 6 person, 8h)	1 operator 2 technician, 4 stage hands
Virtual Advertising	virtual advertising technology ready	Updateable System for virtual advertising technology
Power Consumption green efficiency	120W/m^2	stand:by mode in watt by 230V/50Hz
	180W/m^2	average power consumption: based on 248m long LED-perimeter with a mix of animated/static content during the game
	492W/m^2 (6000nits, 230V)	maximum power consumption by full white and full brightness
Lab	RoHS, CE, RoHS, EMC class A (high-level)	current inrush limiting for system power soft-start
Redundancy	yes: data- & power redundancy	dual- and redundant power supply structure (360A power per Panel as result of low heating, high stability long life
Compliance	warranty 3 years	

robust & longlife: aluminium-alloy die-cast system

SLAM.SYSTEMS: redundant media playout system on iPad...

... auto playlist creation & setup, brightness & colour settings on iPad with Novastar controlling interface.

RoHS EMC by SGS CE LOW POWER CONSUMPTION

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