LEYARD EUROPE

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Leyard Europe TVF Complete

Pre-Packaged LED Video Walls

- *Complete Direct View LED Video Wall ready to install*
- *Protected by the Leyard Europe EverCare™ Lifetime Limited Warranty*
- *Available Sizes: 109" | 137" | 164" | 198" | 219"*
- *Models with 16:9 or wide-view 32:9 aspect ratio*
- *Includes: display cabinets, controller, mounts, cables, trim & spare modules*
- *Made in Europe*

Made in EU

LEYARD EUROPE EVERCARE LIFETIME WARRANTY

Leyard Europe's best proven and tested series of LED displays

Built for beauty and always-on use, the award-winning Leyard TVF Series provides visual excellence for every application with fine pixel pitches from 0.9 to 1.8 millimetres. Its front service, cableless, building-block style design gives new meaning to multi-functionality and reduces the complexity of installation and vertical alignment. Leyard Europe's TVF series enables video wall installations with minimal depth and includes the unmatched Leyard Europe EverCare™ Lifetime Limited Warranty.

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Leyard TVF Complete Specifications

Model Version:	Screen Diagonal	Resolution	Pixel Pitch	Cabinet Configuration	Dimensions (WxHxD)	LED Controller	Part Number
TVF Complete HD109 WM	109" / 277cm (16.9)	1080p FULL HD Full HD (1920×1080)	1.26mm	4x4 TVF1.2	2418.9 x 1360.4 x 100.1mm	Standard LED Controller	TVFC12HD109WMXX
TVF Complete HD137 WM	137" / 348cm (16.9)		1.575mm	5x5 TVF1.5	3025.0 x 1705.0 x 100.1mm		TVFC15HD137WMXX
TVF Complete HD164 WM	164" / 417cm (16.9)		1.89mm	6x6 TVF1.8	3630.8 x 2045.2 x 100.1mm		TVFC18HD164WMXX
TVF Complete DHD198 WM	198" / 503cm (32.9)	3840×1080 DOUBLE FULL HD Double Full HD (3840×1080)	1.26mm	8x4 TVF1.2	4840.4 x 1364.8 x 100.1mm	4K/UHD LED Controller	TVFC12DHD198WMXX
TVF Complete UHD164 WM	164" / 417cm (16.9)	4K ULTRAHD 4K (3840×2160)	0.9mm	6x6 TVF0.9	3630.8 x 2045.2 x 100.1mm		TVFC09UHD164WMXX
TVF Complete UHD219 WM	219" / 556cm (16.9)		1.26mm	8x8 TVF1.2	4840.4 x 2725.6 x 100.1mm		TVFC12UHD219WMXX

Leyard TVF General Specifications

Model	TVF-0.9	TVF-1.2	TVF-1.5	TVF-1.8
Pixel Pitch	0.945	**1.26**	**1.575**	**1.89**
LED Type	Commercial grade 3-in-1 Black SMD			
Resolution	640 x 360	480 x 270	384 x 216	320 x 180
LEDs per Cabinet	230400	129600	82944	57600
Pixel Density	1,119,789/m² | 104,032/ft²	629,882/m² | 58,518/ft²	403,124/m² | 37,451/ft²	27,9947/m² | 26,008/ft²
Cabinet Size (W x H x D)	604.8 x 340.2 x 72.5mm | 23.81 x 13.39 x 2.85in			
Power Consumption, Maximum (watts)	140/Cabinet | 680/m²	130/Cabinet | 632/m²		
Power Consumption, Typical (watts)	50/Cabinet | 243/m²	43/Cabinet | 209/m²		
Line Voltage	100~240V AC, 50/60Hz			
Weight	Single-PSU: per Cabinet: 6,94 kg, per sqm: 33,73kg/m² / Redundant PSU: per Cabinet: 7,76 kg, per sqm: 37,72kg/m²			
Brightness Max, Calibration On (cd/sqm)	800			
Brightness Uniformity	≥ 97%			
Color Uniformity	≥ 97%			
Contrast Ratio	7000:1			
LED Refresh Rate	3840			
Color Temperature, Adjustable (k)	3000 - 10000			
Viewing Angle, Horizontal	160°			
Viewing Angle, Vertical	140°			
Frame Rate	50, 60Hz			
Gray Scale Processing	16-bit			
Service Access	Front, Rear			
LED Lifetime, Typical	100,000 hrs			
Storage Temperature/Humidity	-20° to 60° C | -4° to 140° F / 10-85% relative humidity, non-condensing			
Operating Temperature/Humidity	-10° to 40° C | -14° to 104° F / 10-85% relative humidity, non-condensing			

LED Controller Specifications

Controller Options	Standard LED Controller	4K/UHD LED Controller
Video Inputs	1x HDMI, 2x DVI, 1x SDI	**1x DisplayPort 1.4, 1x HDMI 2.0, 2x HDMI 1.4, 2x DVI**
Video Input Resolution Maximum	1920 x 1200 @ 60Hz	3840 x 2160 @ 60Hz
Windowing	Up to 3 Windows, PiP, PbP	Up to 6 Windows, PiP, PbP
Control Input Type	USB, RS232	USB, RS232, LAN

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