KLS martin GROUP



Our Monitor Systems – Maximum Flexibility

Monitors

Monitor suspension arms

www.klsmartin.com

Monitors



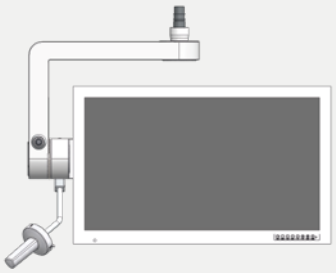


Monitors HD	24"	24"	24"	26"	26"	32"
Designation	24" TFT NDS Radiance 24 HB Single Fiber	24" TFT NDS Radiance 24 HB without Fiber	24" Monitor FSN FS-P2404D	26" TFT NDS Radiance G2 HB Single Fiber	26" Monitor FSN FS-P2604D	32" Monitor FSN FS-L3202D
Resolution	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1080	1920 x 1080	1920 x 1080
Aspect ratios	16:10	16:10	16:10	16:9	16:9	16:9
Input signal	DVI, Single Fiber, 3G-SDI, HD-YPbPr	DVI, 3G-SDI, HD-YPbPr	DVI, SD/HD/3G-SDI, YPbPr	DVI, Single Fiber, 3G-SDI, HD-YPbPr	DVI, SD/HD/3G-SDI, YPbPr	DVI, SD/HD/3G-SDI, YPbPr
Output signal	DVI, 3G-SDI, HD-YPbPr	DVI, 3G-SDI, HD-YPbPr	DVI, SD/HD/3G-SDI	DVI, 3G-SDI, HD-YPbPr	DVI, SD/HD/3G-SDI	DVI, 3G-SDI, HD-YPbPr
Screen size (in mm)	518 x 324	518 x 324	518 x 324	576 x 324	576 x 324	698 x 392
Brightness	300 cd/m^2	300 cd/m^2	400 cd/m^2	450 cd/m^2	500 cd/m^2	450 cd/m^2
Number of colors	no data	no data	1.07 billion	1.07 billion	1.07 billion	16.7 million
Screen surface	no data	no data	glare-free	no data	glare-free	glare-free

Monitors 4K	27"	31"	32"
Designation	27" 4K Monitor FSN FM B2702DG	31" 4K Monitor Barco MDSC-8231 LED	32" 4K Monitor FSN M-E3203DG
Resolution	3840 x 2160	4096 x 2160	3840 x 2160
Aspect ratios	16:10	17:9	16:9
Input signal	HDMI, DP 1.2 DVI, SDI	DP 1.1, DP1.2, HDMI 2.0, DVI, 3G-SDI, optio- nal: 12G-SDI	HDMI, DP 1.2 DVI, SDI
Output signal	DVI, DP 1.2, SDI	DVI, 3G-SDI, optional: 12G-SDI	DVI, DP 1.2, SDI
Screen size (in mm)	596 x 335	698 x 368	708 x 398
Brightness	800 cd/m^2	550 cd/m^2	700 cd/m^2
Number of colors	1.07 billion	1.07 billion	1.07 billion
Screen surface	glare-free	glare-free	glare-free

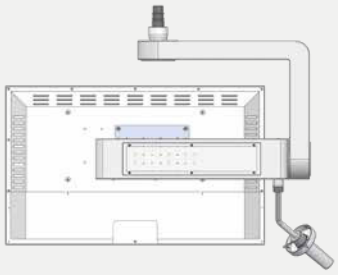
marView – Monitor suspension arms

For monitors up to a screen diagonal of 32 inches.



The marView monitor suspension arm can be adjusted to fit various sizes of monitors.

The swiveling action is very smooth due to its neutral center of gravity suspension.

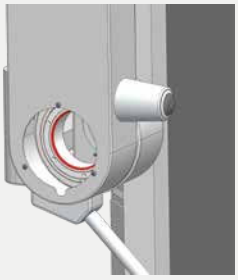


Our high-quality monitor bracket ensures that the displays are mounted securely and conveniently.

The monitors are mounted via the mechanical interface VESA 100 / 200.

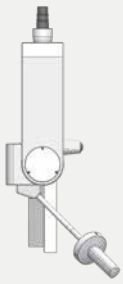
The adjustment force can be adjusted individually via the integrated friction brakes.

The large mounting frame allows the integration of power units and other modules.



The marView features wide cable ducts to accommodate cables with large cross-sections to be passed through. This allows the cables to be integrated inside the suspension.

The joints of the marView are ball bearing mounted, which ensures extremely smooth positioning of the suspension.



The marView can be operated sterile by means of a removable and sterilizable handle or a single-use handle.

Its unique design offers the ideal conditions for cleaning. It meets all hygienic requirements due to its smooth surfaces. In addition, the one-sided suspension allows attaching a sterile cover over the entire monitor.

The benefits at a glance

- Wide range of movement
- Large radius of action
- Extremely flexible positioning
- Easy panning

marView 26"



Technical data marView 26" Available as single and duo version	
Weight	7.2 kg
Possible load capacity (monitor)	up to 11 kg
Monitor mounting standards	VESA 75x75, VESA 100x100
Monitor sizes	from 19 to 26 inches
Cable routing	can be integrated in suspension system
Axes of motion	1 x vertical, 1 x horizontal
Adaption option for spring arm	AC2000 and AC3000 (single) OndaSpace (duo)
Limit stops / stops in all joints	yes, given in all joints
Protection type	IP 40
Possible installation space for monitor SNT	approx. 400 x 100 x 50 mm
Monitor tilt angle	+125° and -185°, infinitely variable
Rotation angle of pivots (for spring arms)	1. pivot: approx. 330° 2. pivot: approx. 330°

Cable passage at the transition from spring arm to monitor mount **Apart from this information, please observe all other transitions**	for AC 2000: up to max. 22 mm diameter for AC 3000: up to max. 24 mm diameter for OndaSpace: up to max. 24 mm diameter
Monitor adjustment	via handle with sterilizable grip sleeve or handle for sterile single-use cover
Compatibility	compatible with marLED® light system
Conformity	CE
Video signal	customer-specific
Protective conductor terminal	present
Protection class	I
Operating ambient conditions	
Temperature	-10 to +50°C
Relative humidity	20 – 90%
Min. atmospheric pressure	min. 620 to 1.060 hPa

marView 32"



Technical data marView 32" Only available as single version	
Weight	10 kg
Possible load capacity (monitor)	up to 17 kg
Monitor mounting standards	VESA 100 x 100, VESA 200 x 100
Monitor sizes	from 21 to 32 inches
Cable routing	can be integrated in suspension system
Axes of motion	1 x vertical, 1 x horizontal
Adaption option for spring arm	AC2000, AC3000 and OndaSpace
Limit stops / stops in all joints	yes, given in all joints
Protection type	IP 40
Possible installation space for monitor SNT	approx. 400 x 100 x 50 mm
Monitor tilt angle	+125° and -185°, infinitely variable
Rotation angle of pivots (for spring arms)	1. pivot: approx. 330° 2. pivot: approx. 330°

Cable passage at the transition from spring arm to monitor mount **Apart from this information, please observe all other transitions**	for AC 2000: up to max. 22 mm diameter for AC 3000: up to max. 24 mm diameter for OndaSpace: up to max. 24 mm diameter
Monitor adjustment	via handle with sterilizable grip sleeve or handle for sterile single-use cover
Compatibility	compatible with marLED® light system
Conformity	CE
Video signal	customer-specific
Protective conductor terminal	present
Protection class	I
Operating ambient conditions	
Temperature	-10 to +50°C
Relative humidity	20 – 90%
Min. atmospheric pressure	min. 620 to 1.060 hPa

TFT monitor bracket FS





Technical data TFT FS Available as single and duo version	
Weight	6 kg
Possible load capacity (monitor)	up to 34 kg
Monitor mounting standards	VESA 75, VESA 100, VESA 200x100, VESA 300x100
Monitor sizes	from 19 to 42 inches
Cable routing	can be integrated in suspension system
Axes of motion	1 x vertical
Adaption option for spring arm	AC2000 and AC3000 (single) OndaSpace (single/duo)
Limit stops / stops in all joints	yes, given in all joints
Protection type	IP 10
Possible installation space for monitor SNT	with adjustment plate: approx. 286 x 112 x 47 mm without adjustment plate: approx. 330 x 112 x 47 mm
Monitor tilt angle	±30° in 4 x 15° steps
Rotation angle of pivots (for spring arms)	1. pivot: approx. 330° 2. pivot: approx. 330°

Cable passage at the transition from spring arm to monitor mount **Apart from this information, please observe all other transitions**	for AC 2000: up to max. 22 mm diameter for AC 3000: up to max. 24 mm diameter for OndaSpace: up to max. 24 mm diameter
Monitor adjustment	via handle with sterilizable grip sleeve or handle for sterile single-use cover
Compatibility	compatible with marLED® light system
Conformity	CE
Video signal	customer-specific
Protective conductor terminal	present
Protection class	I
Operating ambient conditions	
Temperature	-10 to +50°C
Relative humidity	20 – 90%
Min. atmospheric pressure	min. 620 to 1.060 hPa

Compatibility of spring arm AC2000 / 3000 / OndaSpace

	AC2000									AC3000									Ondaspace				
	SPRING ARM AC 2000, 9-15KG, WITH STOP			SPRING ARM AC 2000, 12-18KG, WITH STOP			SPRING ARM AC2000, 13.5-21KG, STOP			SPRING ARM AC 3000, 12.5-18KG, STOP			SPRING ARM AC 3000, 17-26KG, STOP			SPRING ARM AC3000, 23-30KG, STOP			SPRING ARM ONDASPACE, 20-40KG, WITH STOP				
	marView 26"	marView 32"	TFT FS	marView 26"	marView 32"	TFT FS	marView 26"	marView 32"	TFT FS	marView 26"	marView 32"	TFT FS	marView 26"	marView 32"	TFT FS	marView 26"	marView 32"	TFT FS	marView 26"	marView 32"	TFT FS	Duo marView 26"	TFT FS Duo
24" MONITOR FSN 16:10, 1920x1200 FS-P2404D						x	x	x		x		x		x								x	x
26" MONITOR FSN 16:9, 1920x1080 FS-P2604D						x	x			x		x		x								x	x
32" MONITOR FSN 16:9, 1920x1080 FS-L3202D									x						x		x			x			
24" TFT NDS RADIANCE 24 HD SINGLE FIBER			x				x	x		x		x		x								x	x
24" TFT NDS RADIANCE 24 HD WITHOUT FIBER			x				x	x		x		x		x								x	x
26'' TFT NDS RADIANCE G2 HB SINGLE FIBER						x	x			x		x		x								x	x
27" 4K MONITOR FSN FM B2702DG						x	x	x				x	x	x						x			x
32" 4K MONITOR FSN FM-E3203DG									x						x		x			x			
31" 4K BARCO MDSC-8231 LED									x						x		x			x			

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