

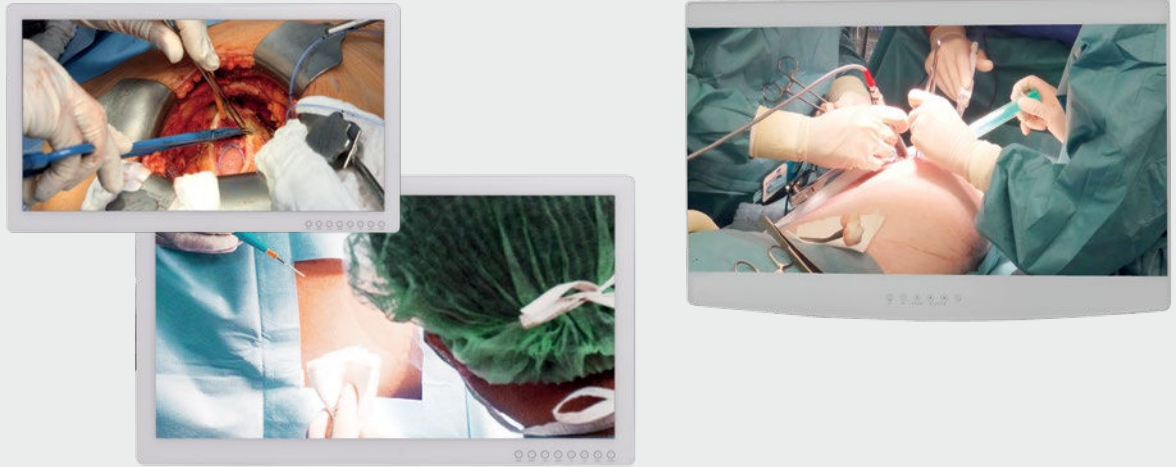


## Our Monitor Systems – Maximum Flexibility

Monitors

Monitor suspension arms

# Monitors

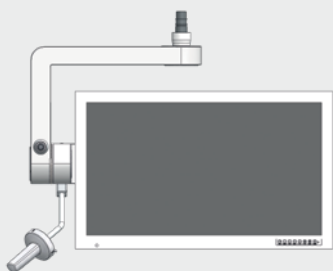


| Monitors HD         | 24"                                              | 24"                                               | 24"                             | 26"                                              | 26"                             | 32"                             |
|---------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------|--------------------------------------------------|---------------------------------|---------------------------------|
| Designation         | 24" TFT<br>NDS Radiance<br>24 HB<br>Single Fiber | 24" TFT<br>NDS Radiance<br>24 HB<br>without Fiber | 24" Monitor<br>FSN<br>FS-P2404D | 26" TFT<br>NDS Radiance<br>G2 HB<br>Single Fiber | 26" Monitor<br>FSN<br>FS-P2604D | 32" Monitor<br>FSN<br>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,<br>Single Fiber,<br>3G-SDI,<br>HD-YPbPr     | DVI,<br>3G-SDI,<br>HD-YPbPr                       | DVI,<br>SD/HD/3G-SDI,<br>YPbPr  | DVI,<br>Single Fiber,<br>3G-SDI,<br>HD-YPbPr     | DVI,<br>SD/HD/3G-SDI,<br>YPbPr  | DVI,<br>SD/HD/3G-SDI,<br>YPbPr  |
| Output signal       | DVI,<br>3G-SDI,<br>HD-YPbPr                      | DVI,<br>3G-SDI,<br>HD-YPbPr                       | DVI,<br>SD/HD/3G-SDI            | DVI,<br>3G-SDI,<br>HD-YPbPr                      | DVI,<br>SD/HD/3G-SDI            | DVI,<br>3G-SDI,<br>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 <sup>2</sup>                            | 300 cd/m <sup>2</sup>                             | 400 cd/m <sup>2</sup>           | 450 cd/m <sup>2</sup>                            | 500 cd/m <sup>2</sup>           | 450 cd/m <sup>2</sup>           |
| 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"                                   | 27"                                    | 31"                                                           | 32"                                   |
|---------------------|---------------------------------------|----------------------------------------|---------------------------------------------------------------|---------------------------------------|
| Designation         | 27"<br>4K Monitor<br>FSN<br>FM-A2701D | 27"<br>4K Monitor<br>FSN<br>FM B2702DG | 31"<br>4K Monitor<br>Barco<br>MDSC-8231 LED                   | 32"<br>4K Monitor<br>FSN<br>M-E3203DG |
| Resolution          | 3840 x 2160                           | 3840 x 2160                            | 4096 x 2160                                                   | 3840 x 2160                           |
| Aspect ratios       | 16:9                                  | 16:10                                  | 17:9                                                          | 16:9                                  |
| Input signal        | HDMI, DP 1.2 DVI                      | HDMI, DP 1.2 DVI, SDI                  | DP 1.1, DP1.2,<br>HDMI 2.0, DVI, 3G-SDI,<br>optional: 12G-SDI | HDMI, DP 1.2 DVI, SDI                 |
| Output signal       | DVI, DP 1.2                           | DVI, DP 1.2, SDI                       | DVI, 3G-SDI,<br>optional: 12G-SDI                             | DVI, DP 1.2, SDI                      |
| Screen size (in mm) | 596 x 335                             | 596 x 335                              | 698 x 368                                                     | 708 x 398                             |
| Brightness          | 800 cd/m <sup>2</sup>                 | 800 cd/m <sup>2</sup>                  | 550 cd/m <sup>2</sup>                                         | 700 cd/m <sup>2</sup>                 |
| Number of colors    | 1.07 billion                          | 1.07 billion                           | 1.07 billion                                                  | 1.07 billion                          |
| Screen surface      | glare-free                            | glare-free                             | glare-free                                                    | glare-free                            |

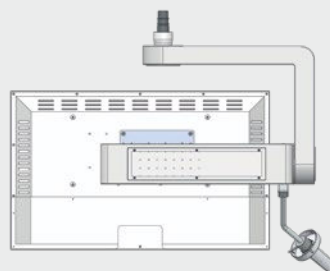
## marView – Monitor suspension arms

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.

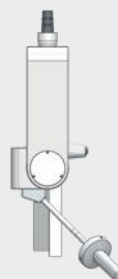
The adjustment force can be adjusted individually via the integrated friction brakes.

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"<br>Available as single and duo version |                                                  |                                                                   |                                                                                 |
|-------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Weight                                                            | 7.2 kg                                           | Cable passage at the transition from spring arm to monitor mount  | for AC 2000:<br>up to max. 22 mm diameter                                       |
| Possible load capacity (monitor)                                  | up to 11 kg                                      |                                                                   | for AC 3000:<br>up to max. 24 mm diameter                                       |
| Monitor mounting standards                                        | VESA 75x75, VESA 100x100                         |                                                                   | for OndaSpace:<br>up to max. 24 mm diameter                                     |
| Monitor sizes                                                     | from 19 to 26 inches                             |                                                                   |                                                                                 |
| Cable routing                                                     | can be integrated in suspension system           | Apart from this information, please observe all other transitions |                                                                                 |
| Axes of motion                                                    | 1 x vertical, 1 x horizontal                     | Monitor adjustment                                                | via handle with sterilizable grip sleeve or handle for sterile single-use cover |
| Adaption option for spring arm                                    | AC2000 and AC3000 (single)<br>OndaSpace (duo)    | Compatibility                                                     | compatible with marLED® light system                                            |
| Limit stops / stops in all joints                                 | yes, given in all joints                         | Conformity                                                        | CE                                                                              |
| Protection type                                                   | IP 40                                            | Video signal                                                      | customer-specific                                                               |
| Possible installation space for monitor SNT                       | approx. 400 x 100 x 50 mm                        | Protective conductor terminal                                     | present                                                                         |
| Monitor tilt angle                                                | +125° and -185°, infinitely variable             | Protection class                                                  | I                                                                               |
| Rotation angle of pivots (for spring arms)                        | 1. pivot: approx. 330°<br>2. pivot: approx. 330° | 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"<br>Only available as single version |                                                  |                                                                                                                                                         |                                                                                 |
|----------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Weight                                                         | 10 kg                                            | <b>Cable passage at the transition from spring arm to monitor mount</b><br><br><b>Apart from this information, please observe all other transitions</b> | for AC 2000:<br>up to max. 22 mm diameter                                       |
| Possible load capacity (monitor)                               | up to 17 kg                                      |                                                                                                                                                         | for AC 3000:<br>up to max. 24 mm diameter                                       |
| Monitor mounting standards                                     | VESA 100 x 100, VESA 200 x 100                   |                                                                                                                                                         | for OndaSpace:<br>up to max. 24 mm diameter                                     |
| Monitor sizes                                                  | from 21 to 32 inches                             |                                                                                                                                                         |                                                                                 |
| Cable routing                                                  | can be integrated in suspension system           | <b>Monitor adjustment</b>                                                                                                                               | via handle with sterilizable grip sleeve or handle for sterile single-use cover |
| Axes of motion                                                 | 1 x vertical, 1 x horizontal                     | <b>Compatibility</b>                                                                                                                                    | compatible with marLED® light system                                            |
| Adaption option for spring arm                                 | AC2000, AC3000 and OndaSpace                     | <b>Conformity</b>                                                                                                                                       | CE                                                                              |
| Limit stops / stops in all joints                              | yes, given in all joints                         | <b>Video signal</b>                                                                                                                                     | customer-specific                                                               |
| Protection type                                                | IP 40                                            | <b>Protective conductor terminal</b>                                                                                                                    | present                                                                         |
| Possible installation space for monitor SNT                    | approx. 400 x 100 x 50 mm                        | <b>Protection class</b>                                                                                                                                 | I                                                                               |
| Monitor tilt angle                                             | +125° and -185°, infinitely variable             | <b>Operating ambient conditions</b>                                                                                                                     |                                                                                 |
| Rotation angle of pivots (for spring arms)                     | 1. pivot: approx. 330°<br>2. pivot: approx. 330° | 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<br>Available as single and duo version |                                                                                                               |                                                                                                                                                         |                                                                                 |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Weight                                                       | 6 kg                                                                                                          | <b>Cable passage at the transition from spring arm to monitor mount</b><br><br><b>Apart from this information, please observe all other transitions</b> | for AC 2000:<br>up to max. 22 mm diameter                                       |
| Possible load capacity (monitor)                             | up to 34 kg                                                                                                   |                                                                                                                                                         | for AC 3000:<br>up to max. 24 mm diameter                                       |
| Monitor mounting standards                                   | VESA 75, VESA 100, VESA 200x100, VESA 300x100                                                                 |                                                                                                                                                         | for OndaSpace:<br>up to max. 24 mm diameter                                     |
| Monitor sizes                                                | from 19 to 42 inches                                                                                          |                                                                                                                                                         |                                                                                 |
| Cable routing                                                | can be integrated in suspension system                                                                        | Monitor adjustment                                                                                                                                      | via handle with sterilizable grip sleeve or handle for sterile single-use cover |
| Axes of motion                                               | 1 x vertical                                                                                                  | Compatibility                                                                                                                                           | compatible with marLED® light system                                            |
| Adaption option for spring arm                               | AC2000 and AC3000 (single)<br>OndaSpace (single/duo)                                                          | Conformity                                                                                                                                              | CE                                                                              |
| Limit stops / stops in all joints                            | yes, given in all joints                                                                                      | Video signal                                                                                                                                            | customer-specific                                                               |
| Protection type                                              | IP 10                                                                                                         | Protective conductor terminal                                                                                                                           | present                                                                         |
| Possible installation space for monitor SNT                  | with adjustment plate:<br>approx. 286 x 112 x 47 mm<br>without adjustment plate:<br>approx. 330 x 112 x 47 mm | Protection class                                                                                                                                        | I                                                                               |
| Monitor tilt angle                                           | ±30° in 4 x 15° steps                                                                                         | Operating ambient conditions                                                                                                                            |                                                                                 |
| Rotation angle of pivots (for spring arms)                   | 1. pivot: approx. 330°<br>2. pivot: approx. 330°                                                              | 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,<br>9-15KG,<br>WITH STOP |             |        | SPRING ARM AC 2000,<br>12-18KG,<br>WITH STOP |             |        | SPRING ARM AC2000,<br>13.5-21KG,<br>STOP |             |        | SPRING ARM AC 3000,<br>12.5-18KG,<br>STOP |             |        | SPRING ARM AC 3000,<br>17-26KG,<br>STOP |             |        | SPRING ARM AC3000,<br>23-30KG,<br>STOP |             |        | SPRING ARM ONDASPACE,<br>20-40KG,<br>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<br>FSN 16:10,<br>1920x1200<br>FS-P2404D |                                             |             |        |                                              |             | X      | X                                        | X           |        | X                                         |             | X      |                                         | X           |        |                                        |             |        |                                                |             |        | X               | X          |  |
| 26" MONITOR<br>FSN 16:9,<br>1920x1080<br>FS-P2604D  |                                             |             |        |                                              |             | X      | X                                        |             |        | X                                         |             | X      |                                         | X           |        |                                        |             |        |                                                |             |        | X               | X          |  |
| 32" MONITOR<br>FSN 16:9, 1920x1080<br>FS-L3202D     |                                             |             |        |                                              |             |        |                                          |             | X      |                                           |             |        |                                         |             | X      |                                        | X           |        |                                                | X           |        |                 |            |  |
| 24" TFT<br>NDS RADIANCE<br>24 HD SINGLE FIBER       |                                             |             | X      |                                              |             |        | X                                        | X           |        | X                                         |             | X      |                                         | X           |        |                                        |             |        |                                                |             |        | X               | X          |  |
| 24" TFT<br>NDS RADIANCE<br>24 HD<br>WITHOUT FIBER   |                                             |             | X      |                                              |             |        | X                                        | X           |        | X                                         |             | X      |                                         | X           |        |                                        |             |        |                                                |             |        | X               | X          |  |
| 26" TFT<br>NDS RADIANCE<br>G2 HB SINGLE FIBER       |                                             |             |        |                                              |             | X      | X                                        |             |        | X                                         |             | X      |                                         | X           |        |                                        |             |        |                                                |             |        | X               | X          |  |
| 27" 4K MONITOR<br>FSN FM-A2701D                     |                                             |             |        |                                              |             | X      | X                                        | X           |        |                                           |             | X      | X                                       | X           |        |                                        |             |        |                                                | X           |        | X               | X          |  |
| 27" 4K MONITOR<br>FSN FM B2702DG                    |                                             |             |        |                                              |             | X      | X                                        | X           |        |                                           |             | X      | X                                       | X           |        |                                        |             |        |                                                | X           |        |                 | X          |  |
| 32" 4K MONITOR<br>FSN FM-E3203DG                    |                                             |             |        |                                              |             |        |                                          |             | X      |                                           |             |        |                                         |             | X      |                                        | X           |        |                                                | X           |        |                 |            |  |
| 31" 4K BARCO<br>MDSC-8231 LED                       |                                             |             |        |                                              |             |        |                                          |             | X      |                                           |             |        |                                         |             | X      |                                        | X           |        |                                                | X           |        |                 |            |  |

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