

# Extended height adjustable arm with W-bracket for BeneVision N22/N19 with keyboard / mouse



|                                       |   |
|---------------------------------------|---|
| <b>Monitor adaption</b>               | W-bracket VESA 75/100 and keyboard / mouse tray   |
| <b>Height adjustment</b>              | slow-flowing spring, parallel linkage for a constant viewing angle  |
| <b>Colours to choose</b>              | decorative parts RAL 5013 cobalt blue / RAL 7024 graphite grey<br>aluminum parts RAL 9016 traffic white / RAL 9002 grey white           |
| <b>Max. load capacity support arm</b> | 18 kg / 39.7 lbs  |
| <b>Max. load monitor adaptation</b>   | 17 kg / 37.5 lbs  |
| <b>Product weight</b>                 | 6.4 - 7.9 kg / 14.1 - 17.4 lbs (according to dimensions of keyboard tray)   |
| <b>Keyboard tray</b>                  | 300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 480 x 220 mm<br>11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 18.9 x 8.7" |
| <b>Balancing range</b>                | 1300 N: N22/N19 display only / 1750 N: N22/N19 with PC  |
| <b>Part number</b>                    | A-73130F-Y.CD_X_T<br>A-73130FP-Y.CD_X_T Suitable for portrait and landscape mounting  |

## Fixings

Y



4V

Adapter for vertical wall channel



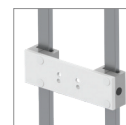
2F

Fixed rail clamp



3

Vertical rail clamp



3DR  
3TX

Dual vertical rail clamp



1  
1F  
1C  
1V

Fixed / universal pole clamp



13

Adapter for Mindray medical supply units



17

Adapter for Amico pendants & headwalls



9

Adapter for Löwenstein Medical anaesthesia machines



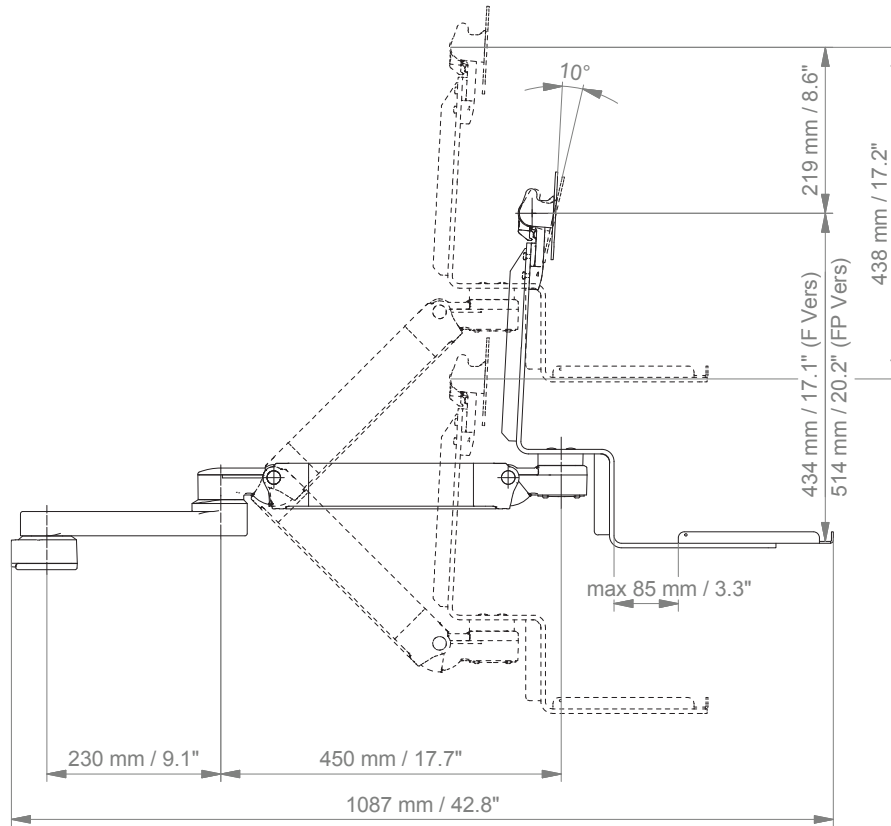
4K

Adapter for anaesthesia machines with existing side channel

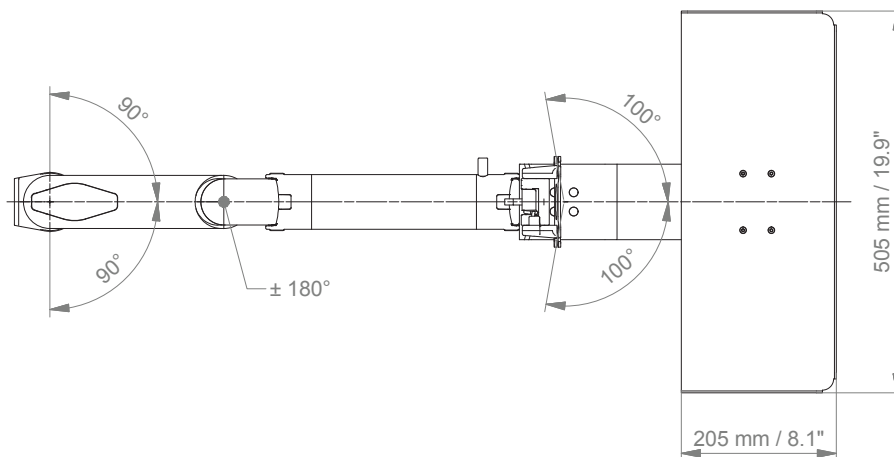
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Technical data - keyboard tray 500 x 200 mm / 19.7 x 7.9"

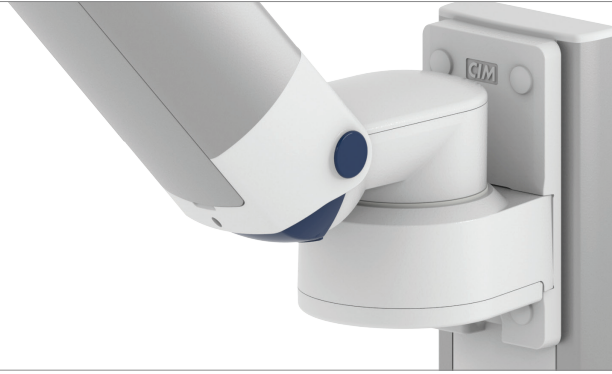
## SIDE VIEW











## TOP VIEW

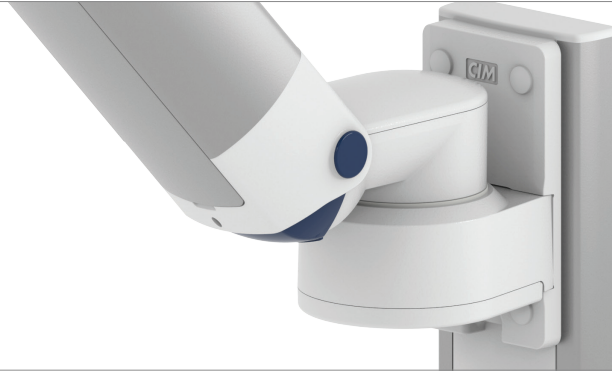


## Fixings



| Illustration  | Description                       | Notes   | Part no.      |
|---|-----------------------------------|---|---------------|
|   | Adapter for vertical wall channel | To mount to CIM wall channel (compatible with GCX channel)<br>For arms with high mounting positions<br>Please order separately: CIM wall channel, see catalogue accessoires           | 4V<br>4U      |
|  | Fixed rail clamp                  | To mount to horizontal European rails<br>10 x 25, 8 x 35, 10 x 30, 10 x 50 mm   | 2F            |
|  | Vertical rail clamp               | To mount to vertical European rail 10 x 25 mm   | 3             |
|  | Dual vertical rail clamp          | To mount to two parallel vertical European rails 10 x 25 mm<br>Distance between rails 150 mm / 5.9", e.g. Dräger pendant<br>Distance between rails 225 mm / 8.9", e.g. Trilux pendant | 3DR<br>3TX    |
|  | Fixed pole clamp                  | To mount to pole $\varnothing$ 25 mm / 1.0"<br>To mount to pole $\varnothing$ 35 mm / 1.4"<br>To mount to pole $\varnothing$ 38 mm / 1.5"   | 1<br>1F<br>1C |
|  | Universal pole clamp              | V-block to mount to pole $\varnothing$ 23 - 40 mm / 0.9 - 1.6"  | 1V            |
|  | Adapter medical supply units      | For Mindray medical supply units  | 13            |
|  | Adapter pendants & headwalls      | For Amico pendants & headwalls  | 17            |

## Fixings for anaesthesia machines



| Illustration  | Description   | Notes   | Part no.         |
|---|---|---|------------------|
|   | Adapter for Löwenstein Medical anaesthesia machines | Adapter for Leon / Leon plus  | 9                |
|    | Adapter for anaesthesia machines (all suppliers)    | H 80 mm / 3.1"<br>With existing side channel  | 4K               |
| <b>If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4K:</b> |   |   |                  |
|    | Adapter for Dräger                                  | Dräger Primus / Julian / Cato / Fabius GS / Zeus<br>side channel adapter L 127 mm / 5"<br>side channel adapter L 320 mm / 12.6" | DR-J01<br>DR-J02 |
|    | Adapter for GE                                      | GE Avance / Aespire / Aestiva<br>side channel adapter L 200 mm / 7.9"   | DX-AES-01        |

# How to create part numbers

Part numbers can be easily created by following the steps below:

Please replace the letters in **green** with the part no. code as per your requirements.

## 1. Components' grounding:

|   |   |              |
|---|---|--------------|
| S | = | not grounded |
| A | = | grounded     |

## 2. Choose the arm version required:

|                             |   |   |
|-----------------------------|---|---|
| 910G                        | = | flush mount                                   |
| 224G / 230G                 | = | support arm pivot                             |
| 431G                        | = | height adjustable arm                         |
| 73130G                      | = | extended height adjustable arm                |
| 224F / 230F / 224FP / 230FP | = | support arm pivot with W-bracket              |
| 431F / 431FP                | = | height adjustable arm with W-bracket          |
| 73130F / 73130FP            | = | extended height adjustable arm with W-bracket |
| 224SMR / 230SMR             | = | support arm pivot for SMR                     |
| 33030SMR                    | = | extended pivot arm light duty for SMR         |

## 3. Specify where you want to mount the arm and select the fixing (Y):

|     |   |   |
|-----|---|---|
| 1V  | = | pole ø 23 - 40 mm / 0.9 - 1.6"                        |
| 1   | = | pole ø 25 mm / 1.0"                                   |
| 1F  | = | pole ø 35 mm / 1.4"                                   |
| 1C  | = | pole ø 38 mm / 1.5"                                   |
| 2F  | = | horizontal rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm |
| 3   | = | vertical rail 10 x 25 mm                              |
| 3DR | = | dual vertical rails, distance 150 mm/ 5.9"            |
| 3TX | = | dual vertical rails, distance 225 mm/ 8.9"            |
| 4V  | = | vertical wall channel                                 |
| 13  | = | Mindray medical supply units                          |
| 17  | = | Amico pendants & headwalls                            |
| 9   | = | Löwenstein Medical anaesthesia machine                |
| 4K  | = | anaesthesia machine with existing channel             |

# How to create part numbers

## 4. Choose the colour requested for decorative parts (C):

- gr = RAL 7024 (graphite grey)
- bl = RAL 5013 (cobalt blue)

## 5. Choose the colour requested for the aluminium die-cast parts (D):

- 1 = RAL 9016 (traffic white)
- 2 = RAL 9002 (grey white)

## 6. Specify the spring depending on the weight of your monitor/ device - only with height adjustable arms (X):

Please note that the weight range of the individual springs may vary depending on the bracket (X).

### Pneumatic Springs Explained:

The weight ranges of the pneumatic springs shown in our catalogues relate to the minimum and maximum weights of the products that can be added to the arm, for a perfectly balanced solution. The weight ranges can vary with the same pneumatic springs, as the overall weights placed on the front of the arms have to be considered. The total weight not only reflects the actual monitor weight, but also includes monitor adaptations, brackets and/ or trays. When choosing the pneumatic spring, please consider the weight of your monitor/ device only.

#### For VESA adaptation

- 60 = 2 - 5 kg / 4.4 - 11 lbs
- 95 = 4 - 9 kg / 8.8 - 19.8 lbs
- 130 = 7.5 - 13 kg / 16.5 - 28.7 lbs
- 175 = 13 - 16 kg / 28.7 - 35.3 lbs
- 220 = 16 - 22 kg / 35.3 - 48.5 lbs

#### For W-bracket

- 95 = 2.5 - 5.5 kg / 5.5 - 12.1 lbs
- 130 = 6 - 10 kg / 13.2 - 22 lbs
- 175 = 11 - 14 kg / 24.3 - 30.9 lbs
- 220 = 13 - 16 kg / 28.7 - 35.3 lbs

## 7. Specify the requested size of the keyboard tray and mouse (T):

| Standard | Magnetic | With wrist rest | Dimensions                   |
|----------|----------|-----------------|------------------------------|
| 30       | 30S      | =               | 300 x 210 mm / 11.8 x 8.3"   |
| 40       | 40S      | =               | 400 x 150 mm / 15.7 x 5.9"   |
| 50       | 50S      | 50W             | = 500 x 200 mm / 19.7 x 7.9" |
| 58       | 58S      | 58W             | = 580 x 200 mm / 22.8 x 7.9" |

## Example

| 01<br>Grounding | 02<br>Arm version | 03<br>Fixing | 04 & 05<br>Colour | 06<br>Spring tension | 07<br>Keyboard tray |
|-----------------|-------------------|--------------|-------------------|----------------------|---------------------|
| A               | - 431F            | - Y          | . CD              | - X                  | - T                 |
| A               | - 431F            | - 4V         | . gr1             | - 95                 | - 30                |

## General notes

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### Monitor Adaptations

**VESA 75/100** monitor adaptation for BeneVision N22/N19 patient monitor.

**Quick Release** is used for SMR. The monitor adaption SMR quick release offers tool-free disassembly of the module rack.

### Components' grounding

All arms with integrated cable management are equipped with **component grounding**. No grounding is required for arms with external or semi-integrated cable management with cables not being led through joints.

### Load capacity

All **height adjustable arms** have a load capacity of 22 kg / 48.5 lbs. Rear mounted monitor adaptations and horizontally mounted 5" plunge plates accept a maximum monitor weight of 18 kg / 39.7 lbs. An additional 4 kg / 8.8 lbs may be mounted on a down post underneath the front swivel part. Depending on material and tensile factor all weight indications have a 4-fold and / or 6-fold safety factor according to EN 60601-1, 3rd Edition regulations.

### Custom-designed solutions and MRI applications

Please contact us for **custom-designed** solutions.

### Product marking

All CIM products are CE marked. As **medical product risk class 1** and they conform with the regulations MDD 93/42 ECC and EN 60601-1, 3rd Edition. TUEV reports for numerous products especially for anaesthesia applications guarantee electrical and mechanical safety of our products and are available upon request.

## Product highlights

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### Non-height adjustable arm

Pivot and extended pivot arms offer **full cable integration** and easy cleaning for **infection control** in all critical care areas in the clinical environment. Our **5-years warranty** guarantees reliable, trouble-free and maintenance-free operation. The swivel function at the fixing point as well as the **tilt/ swivel function** of the monitor adaptation offers optimum positioning of your device. The extended pivot arm is a two-part arm with central pivot point between the two arm sections. All bottom-mounted monitors have the safety feature of a **20° tilt stop**.

### Height adjustable arm

The height adjustable arm offers **full cable integration**, one-wipe clean surfaces and our **5-year warranty** on the entirety of the product. Vertically and horizontally adjustable, the arm offers optimal positioning of your device. A constant viewing angle when vertically adjusted is guaranteed by a parallel linkage. **Weight-optimized springs counter-balance** the monitor without making any adjustments. All bottom-mounted monitors have the safety feature of a **20° tilt stop**. Individual rotational stops may be integrated in any joint.

To provide the perfect combination of arm and monitor, the CIM articulated height adjustable arm has a simple quarter-turn lock to hold the arm safely in position when removing the monitor. Furthermore the arm is equipped with the unique safety feature of a slow-release gas spring. Should anybody try to remove the monitor before locking the arm in position, the arm will only rise at a slow and even tempo.



SAFETY