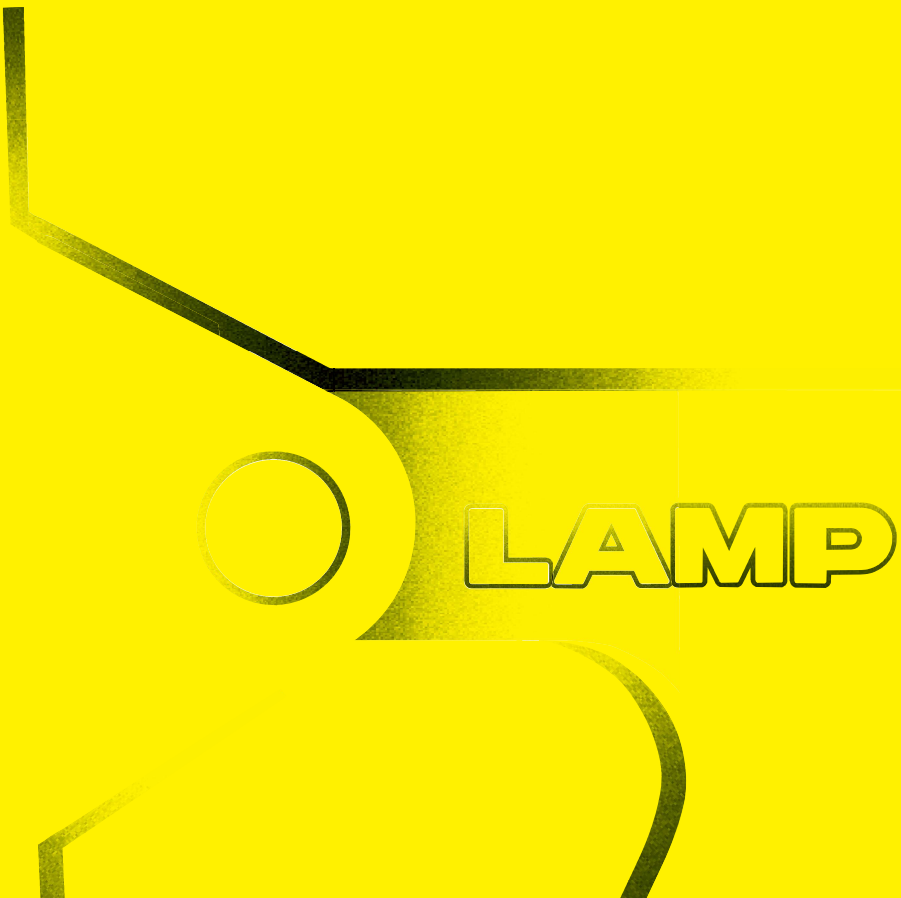
SUGATSUNE

Industrial Component Hardware



June 2022

No.400

INDEX

HINGES
LID SUPPORTS
CATCHES, LATCHES & FASTENERS
DRAWER SLIDES
HANDLES, PULLS & KNOBS
HOOKS & BRACKETS
MONITOR MOUNTS
CABINET DOOR HARDWARE & SHUTTER DOORS
LOCKS
CASTERS
LEVELLING GLIDES & BASE
MISCELLANEOUS

Motion Design Tec

LAMP®

MONITOR MOUNTS

A monitor mount is a part used to adjust and retain monitor angles. We offer a wide range of highly convenient products: one type has a free-stop mechanism for angle adjustment requiring no screw adjustment, while another enables diverse design and installation through arm combinations.

SUGATSUNE

June 2022

INDEX

MONITOR BRACKETS

MONITOR BRACKET KA-T100S50 ..... P.786

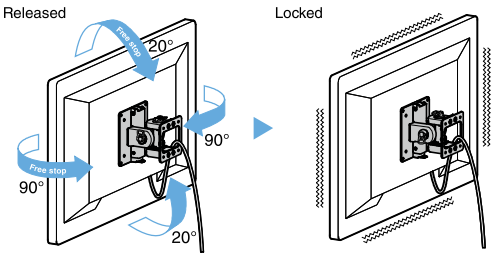
Passed 20,000 private cycle test



Free stop | VESA Standard Compliant 75× 75 mm 100×100 mm

- One-touch installation and removal
- Applicable monitor size
  12 ~ 23" (up to approx. 10.0 kg)

[How to Adjust Angle]



ROTATION BRACKET KA-T100S50-PMT P.790



KA-T100S50-PMT-BL

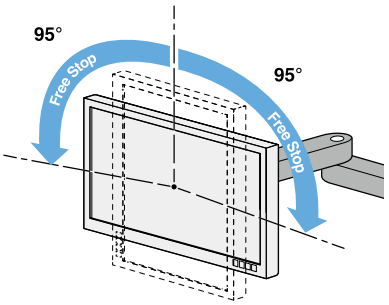


KA-T100S50-PMT-WT

Free stop | VESA Standard Compliant 75× 75 mm 100×100 mm

- Allows monitors to rotate and hold in position.
- Applicable monitor size
  12 ~ 23" (up to approx. 8 kg)

[Free-stop Rotation]



RATCHET HEIGHT ADJUSTER VA-RCT P.791

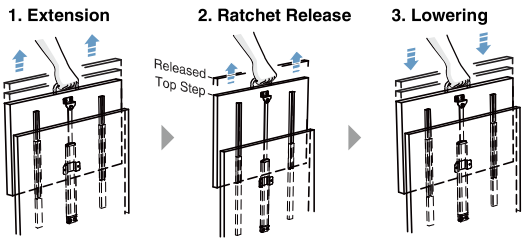


VA-RCT-200 (bottom step) | VA-RCT-100 (bottom step) | VA-RCT-100 (top step)

* The VA-RCT-200 of the picture is attached with the body and housing brackets.

- The height adjustment is available in increments of 4 mm.

[Ratchet Operation]



INDEX

MONITOR ARMS

MONITOR ARM KA-T100S50-W/P P.788

Passed 20,000 private cycle test



KA-T100S50-W3-BL



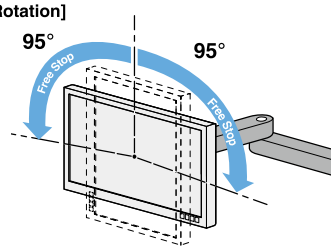
KA-T100S50-P2-WT

Free stop VESA Standard Compliant 75× 75 mm 100×100 mm

- The robust structure securely holds monitors in position.
- Applicable monitor size
  12 ~ 23" (up to approx. 10 kg)
- Installation dimensions

Wall Mount	Wall Mount Pole Type	Desk Mount
○	○	–

[Free-stop Rotation]



MONITOR ARM KA-TLG P.792

Passed 3,000 private cycle test (height adjustment)



Dual axis type



Single axis type

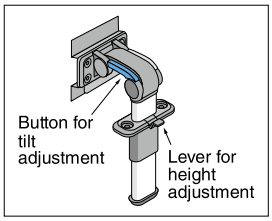
VESA Standard Compliant 75× 75 mm 100×100 mm

- The tilt angle can be adjusted in 10° increments while the button is pressed.
- Applicable monitor size
  12 ~ 23" (up to approx. 10 kg)
- Installation dimensions

Wall Mount	Wall Mount Pole Type	Desk Mount
–	–	○

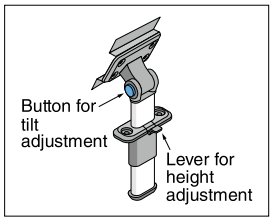
[Tilt and Height Adjustments]

- KA-TLG2-100 (Dual axis)



The tilt adjustment of both axes unlocks while the button is pushed.

- KA-TLG1-100 (Single axis)



The tilt adjustmnet unlocks while the button is pushed.

MONITOR BRACKET KA-150 P.793



KA-150



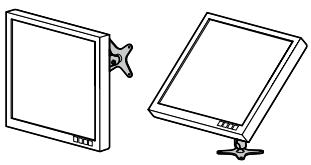
Made to order

VESA Standard Compliant 75×75 mm

- Total length can be changed by adjusting the pole length.
- Load capacity
  Max. 4.4 N·m (0.45 kgf·m)
- Installation dimensions

Wall Mount	Wall Mount Pole Type	Desk Mount
○	–	○

[Application Example]



*Caution: Durability varies by operating environment and frequency. Confirm in advance that the product is compliant with the purpose of use.
For details of durability testing, etc., please contact your local agent or your nearest Sugatsune subsidiary.

MONITOR BRACKET KA-T100S50 With Torque & Auxiliary Lock

INSTRUCTION



- Can be quickly installed and removed.
- Free stops in a range of 180° (swivel) and 40° (tilt).
- Auxiliary lock prevents monitor from sagging due to minute vibration.Also suitable for touch screen.
- Auxiliary lock temporarily releases if a heavy load is applied when locked.
- Bracket holes based on VESA standard (75×75mm, 100×100mm).
- Applicable monitor size: 12~23 inch (Up to about 10.0kg)

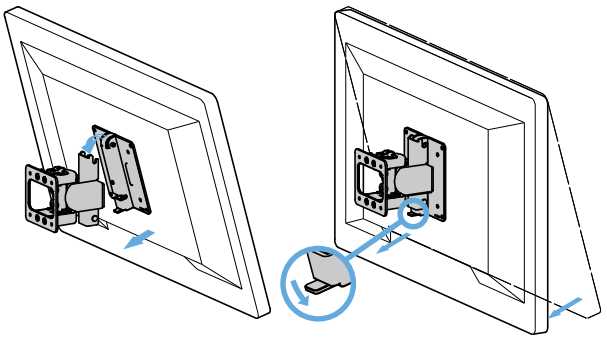
[Applications]

- Liquid crystal monitors for machine tools, OA equipment and medical equipment, etc.

[Remarks]

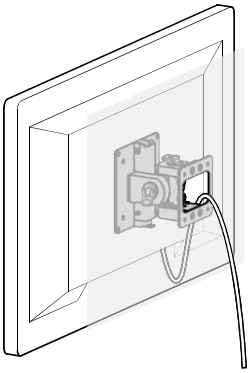
- Do not forcibly move the monitor after applying the auxiliary lock.
- After installing the monitor, make sure that the release lever is locked.
- Do not operate continuously (repeatedly in a short time).

[How to Install and Remove Monitor]



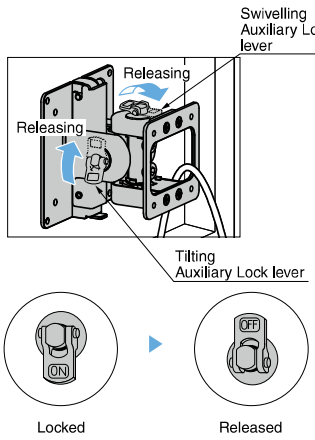
Monitor may be installed with one touch.

Push down the release lever and tilt the monitor, then the monitor can be removed.



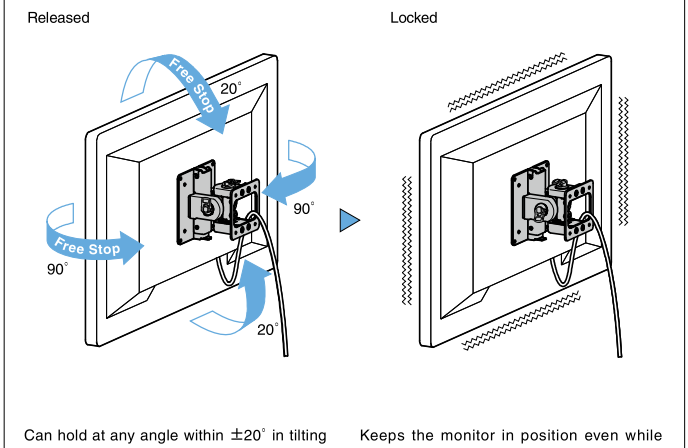
Wire hole allows you to put power cable and monitor cable out of the mounting surface.

[Auxiliary Lock Operation]



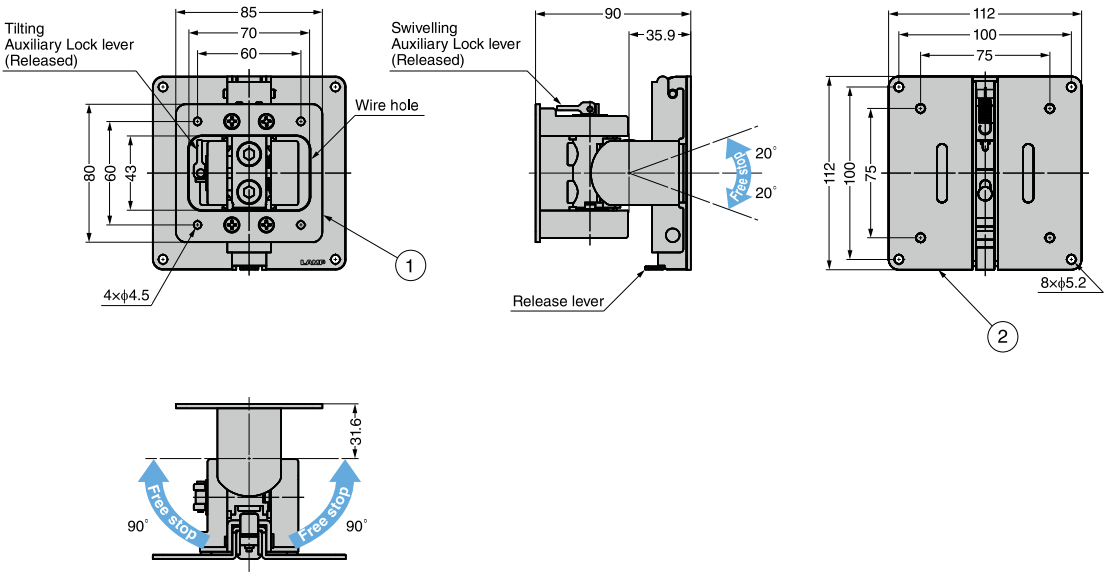
Releases with auxiliary lock lever.

[How to Adjust Angle]



Can hold at any angle within ±20° in tilting and ±90° in swivelling.

Keeps the monitor in position even while subject.



No.	Part Name	Material	Finish / Colour
①	Body (Wall Side)	Steel (SPCC)/ ABS	Black
②	Base (Monitor Side)		

RoHS	CAD	Item Code	Item Name	Mounting	Torque (Tilting) N·m/pc	Torque (Tilting) kgf·cm/pc	Torque (Swivelling) N·m/pc	Torque (Swivelling) kgf·cm/pc	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	210-033-587	KA-T100S50	Wall Mount	10.0±20%	102.0±20%	5.0±20%	51.0±20%	1	1	–

MONITOR ARM KA-T100S50-W/P Free Stop and Lock / For Touch Screens

INSTRUCTION

Free stop

Passed 20,000 open/close private cycle test



KA-T100S50-W3-BL



KA-T100S50-P2-WT

- The robust structure securely holds monitors in position. It prevents touch screens from shaking or causing unintentional inputs.
- Allows for free-stop motion in tilt and swivel directions.
- Comes with auxiliary lock mechanism which prevents sagging.
- The auxiliary lock has a safety function. The lock temporarily releases to avoid breakage if an unintentional heavy load is applied on it.
- One- touch installation and removal.

[Specification]
- Compliant with the VESA standard. (75x75mm,100x100mm)
- Applicable moitor size: 12 - 23 inches (Weight: Max. 10 kg)

[Application]
- Liquid crystal monitors for machine tools, OA equipment and medical equipment

[Remarks]
- Do not forcibly move the monitor after auxiliary lock is activated.
- After installing the monitor, make sure that the release lever is locked.
- Do not operate continuously (repeatedly in a short time).
- Avoid water, oil, and lubricant from getting on the product.

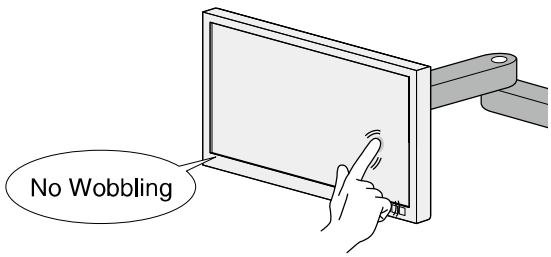
[Parts Included]
- Cable tie

[Optional Parts]
- Rotation Bracket KA-T100S50-PMT 1

Video Link

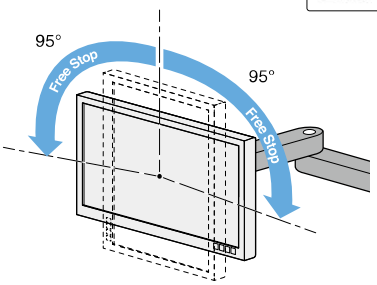
Video Link

[Stable Operation]



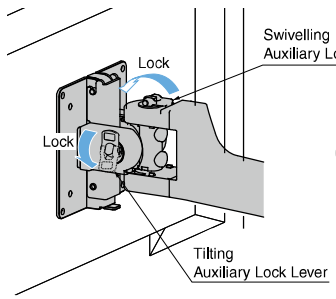
Prevents touch screens from shaking or causing unintentional inputs.

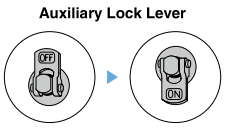
[Rotational Motion]



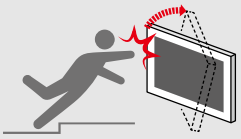
The optional rotation bracket allows for free stop in the rotation direction.
(Free-stop range: 95° on each side)

[Auxiliary Lock Operation]





The auxiliary lock temporarily releases to avoid breakage if unintentional heavy load is applied to it.

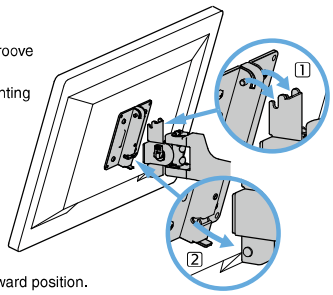


*Do not forcibly move monitors when locked.

[Installation and Removal]

Installation

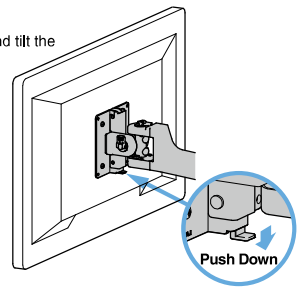
1. Fit the protrusion into the groove of the bracket.
2. Push the lower part of mounting plate.



*Make sure UP mark is in upward position.

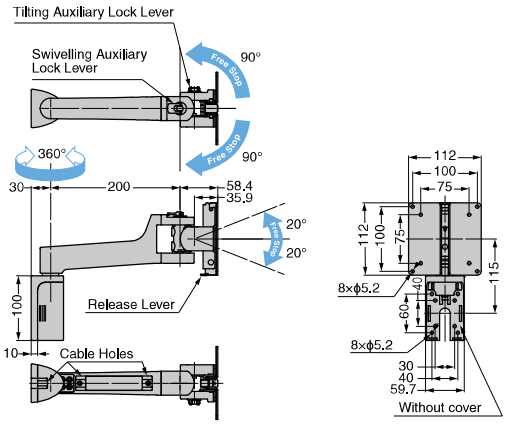
Removal

Push down the release lever and tilt the monitor, then the monitor can be removed.

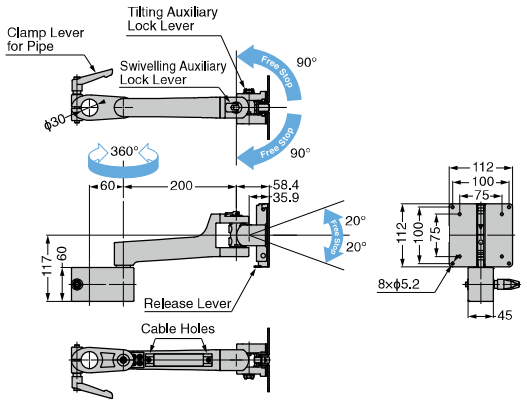


Refer to 1 : P.790

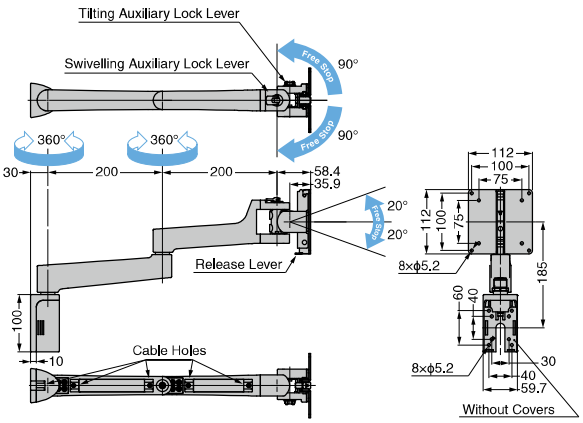
[KA-T100S50-W2] Wall Mount / Single Arm



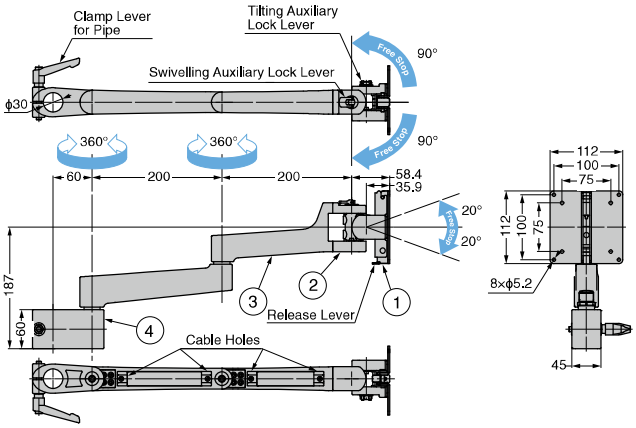
[KA-T100S50-P2] Pipe Mount (ϕ30) / Single Arm



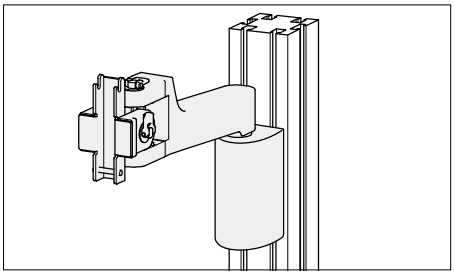
[KA-T100S50-W3] Wall Mount / Double Arms



[KA-T100S50-P3] Pipe Mount (ϕ30) / Double Arms

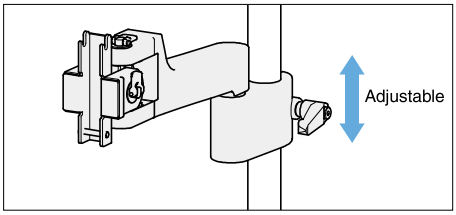


[Can be mounted on aluminium frame] For wall mount type

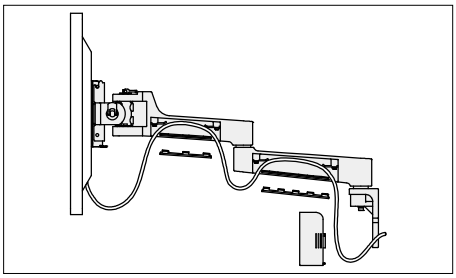


Available Aluminium Frame: 30 x 60 mm or 40 x 80 mm/ 2 slots

[Height Adjustment] For pipe mount type



[Wiring Cables]



Comes with covers for cables.

No.	Part Name	Material	Finish
①	Mounting Plate	Steel (SPCC)	Electrodeposition
②	Body	Steel (SPCC) / ABS	
③	Arm	Aluminium Alloy (ADC) / ABS	Matte Anodized
④	Base	Aluminium Alloy (ADC)	

RoHS	CAD	Item Code	Item Name	Type	Colour	Torque N·m (Tilt)	Torque N·m (Rotation)		
							Monitor Part	Center Part	Mounting Part
G	3D	210-048-353	KA-T100S50-W2-BL	Wall Mount / Single Arm	Black	10 ±20%	5.0 ±20%	–	8.0 ±20%
G	3D	210-048-354	KA-T100S50-W2-WT		White				
G	3D	210-048-349	KA-T100S50-P2-BL	Pipe Mount (ϕ30) / Single Arm	Black				
G	3D	210-048-350	KA-T100S50-P2-WT		White				
G	3D	210-048-355	KA-T100S50-W3-BL	Wall Mount / Double Arms	Black			4.0 ±20%	
G	3D	210-048-356	KA-T100S50-W3-WT		White				
G	3D	210-048-351	KA-T100S50-P3-BL	Pipe Mount (ϕ30) / Double Arms	Black				
G	3D	210-048-352	KA-T100S50-P3-WT		White				

ROTATION BRACKET KA-T100S50-PMT Free Stop

Free stop



KA-T100S50-PMT-BL



KA-T100S50-PMT-WT

- Allows monitors to rotate and hold in position.
- Replace the original mounting plate with this bracket.

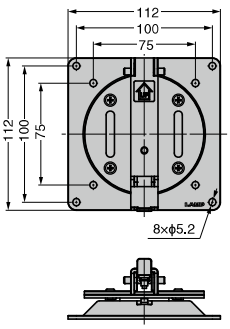
[Specification]

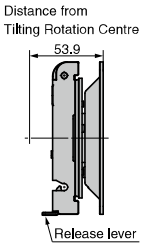
- Compliant with the VESA standard. (Hole interval: 75 x 75 mm / 100 x 100 mm)
- Applicable monitor size: 12 - 23 inches (Weight: Max. 8 kg)

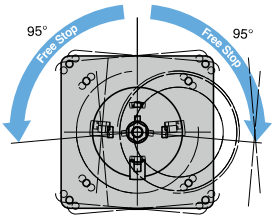
[Compatible Product]

- Monitor Bracket KA-T100S50 1
- Monitor Arm KA-T100S50-W/P 2

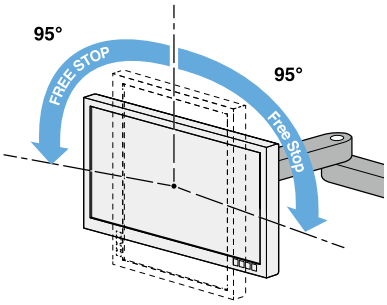
Video Link







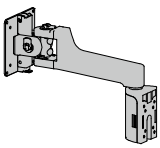
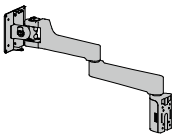
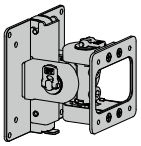
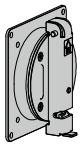
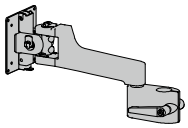
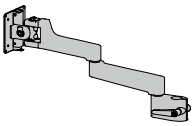
[Free-stop Rotation]



RoHS	CAD	Item Code	Item Name	Colour	Torque N·m (Rotate)	Weight (g)
G	3D	210-048-357	KA-T100S50-PMT-BL	Black	4.0 ±20%	641
G	3D	210-048-358	KA-T100S50-PMT-WT	White		

Refer to 1 : P.786, 2 : P.788

Monitor Mount Series KA-T100S50

	Single Arm 1	Double Arms 1	Armless 2	Option 3
• Wall Mount • Aluminium Frame Mount	 KA-T100S50-W2-BL KA-T100S50-W2-WT	 KA-T100S50-W3-BL KA-T100S50-W3-WT	 KA-T100S50	 KA-T100S50-PMT-BL KA-T100S50-PMT-WT
• Pipe Mount	 KA-T100S50-P2-BL KA-T100S50-P2-WT	 KA-T100S50-P3-BL KA-T100S50-P3-WT		

Refer to 1 : P.788, 2 : P.786, 3 : P.790

RATCHET HEIGHT ADJUSTER VA-RCT



VA-RCT-200 (bottom step) VA-RCT-100 (bottom step) VA-RCT-100 (top step)

* The VA-RCT-200 of the picture is attached with the body and housing brackets.

- The height adjustment is available in increments of 4 mm.
- The ratchet unlocks when the height exceeds the top step.
- Can extend again from the middle position once the ratchet is released.

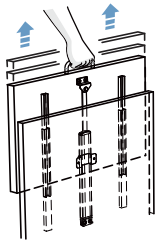
[Remarks]
- Cannot be used in either horizontal or inclined directions.
- Use of multiple products in one device may cause malfunctions.
- Support device by hand when lowering height.
- To prevent unbalanced load, recommended to use in combination with linear guide rails.

[Parts Included]
- Body Bracket

[Sold Separately]
- Housing Bracket LOM-A-6
- Housing Bracket LOM-B-6

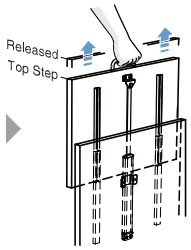
[Ratchet Operation]

1. Extension



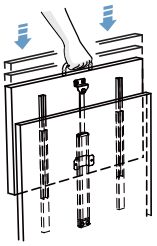
Lift up the fitting slowly. The ratchet provides click sounds for each step. (Ratchet interval: 4 mm)

2. Ratchet Release

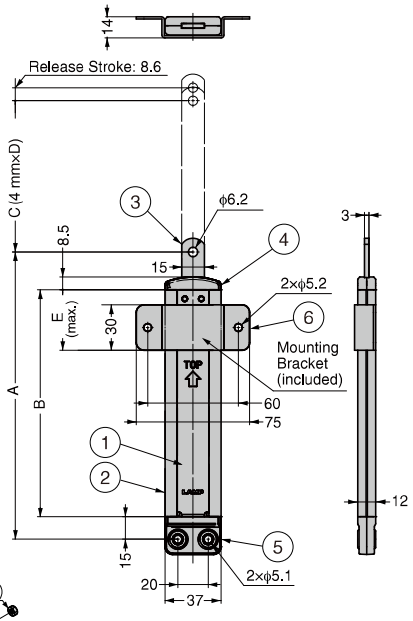


The ratchet lock will be released when it exceeds the top step.

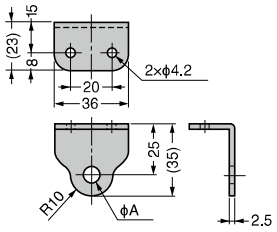
3. Lowering



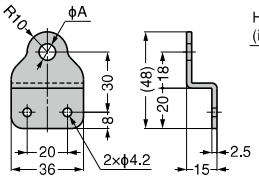
It can extend again in the middle position. (Not required to lower to the bottom step.)



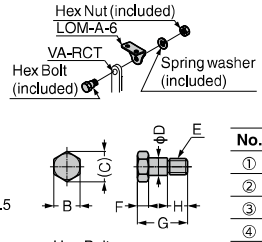
[Bracket]



[LOM-A-6]



[LOM-B-6]



Hex Bolt (included with bracket)

No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Plain
②	Side Cover	ABS	-
③	Slider	Stainless Steel (SUS304)	Plain
④	Upper Cap	Polyacetal (POM)	-
⑤	Bottom Cap		-
⑥	Bracket	Stainless Steel (SUS304)	Barrel Polished

[Body]

RoHS	CAD	Item Code	Item Name	Min. Height A	Stroke C	B	Ratchet Interval	Ratchet Steps D	E	Load Capacity N	Load Capacity kgf	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	180-045-683	VA-RCT-100	190	100	150	4	25	50	294	30	280	5	20
G	3D	180-045-684	VA-RCT-200	290	200	250		50	80			450	5	20

[Housing Bracket] Sold Seperately

RoHS	CAD	Item Code	Item Name	Material	Finish	A	B	C	D	E	F	G	H
G	3D	180-109-302	LOM-A-6	Stainless Steel (SUS304)	Barrel Polished	5.2	10	11.5	5.6	M5	4	19	9
G	3D	180-109-303	LOM-B-6										

MONITOR ARM KA-TLG Tilt Angle Adjustment with Button

Passed 3,000 private cycle test (height adjustment)



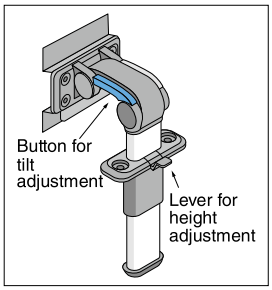
- The tilt angle can be adjusted in 10° increments while the button is pressed.
- The back lever allows for height adjustment in 25 mm increments. It has a friction mechanism which prevents against accidental release.
- The monitor-mounting holes are compliant with the VESA standard. (75 x 75 mm, 100 x 100mm)
- Applicable monitor size: 12 - 23 inches (Weight: Max. 10 kg)

[Remarks]

- Please support the monitor with a hand when adjusting the angle and height.

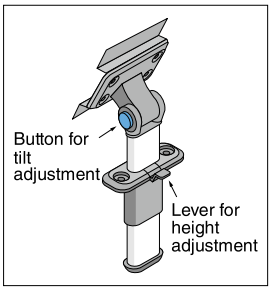
[Tilt and Height Adjustments]

- KA-TLG2-100 (Dual axis)

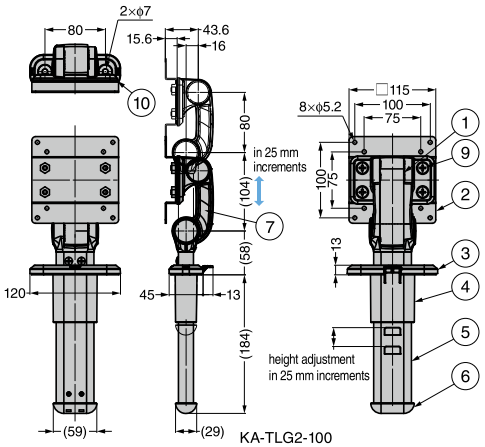


The tilt adjustment of both axes unlocks while the button is pushed.

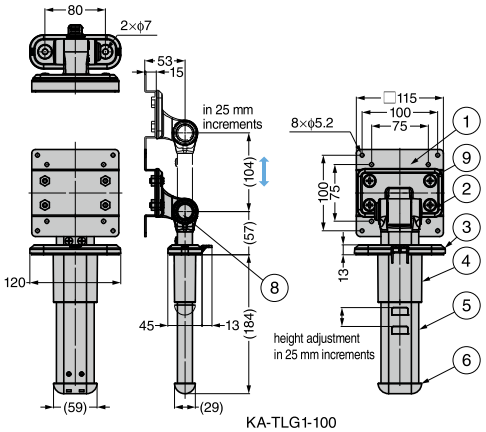
- KA-TLG1-100 (Single axis)



The tilt adjustmnet unlocks while the button is pushed.

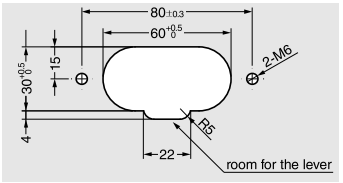


KA-TLG2-100

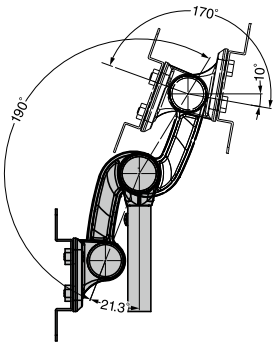


KA-TLG1-100

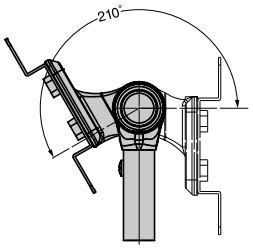
[Cut Out Dimensions]



Video Link



KA-TLG2-100
(Dual axis)



KA-TLG1-100
(Single axis)

No.	Part Name	Material	Finish/Colour
①	Bracket	Polyamide (PA)	Black
②	Mounting Plate	Steel (SPHC)	
③	Cover	Polycarbonate	
④	Outer Pipe	ABS	
⑤	Aluminium Pipe	Aluminium Alloy	Anodized
⑥	End Cap	ABS	Black
⑦	Button	Polyamide (PA)	Grey
⑧	Button	ABS	
⑨	Cross-recessed trus head screw	Steel	Balck Chromate
⑩	Packing	Nitrile Rubber (NBR)	Black

RoHS	CAD	Item Code	Item Name	Axis	Vertical Load Capacity		Allowable Moment		Weight (g)	Box (pc)
					N	kgf	N.m	kgf.cm		
G	3D	210-044-071	KA-TLG2-100	Dual	100	10.2	15	153	705	1
G	3D	210-044-070	KA-TLG1-100	Single					545	1

MONITOR BRACKET KA-150

HEX KEY



KA-150



Made to order

- Total length can be changed by adjusting the pole length. Pole length can be adjusted as order basis. For further details, please contact local representatives.
- Ball-shaped holding part allows adjusting to any angle (loosen the screw and adjust).
- Mounting hole pitch (75×75mm) on the monitor mounting side conforming to the VESA standard.

[Remarks]

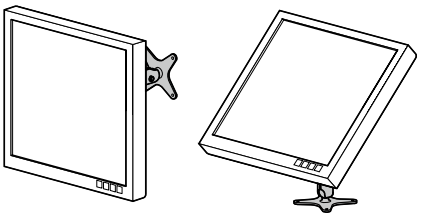
- Monitor mount is used for moving and adjusting monitor position. Do not apply load on display when using.
- Durability varies depending on operating environment and frequency. Confirm the adaptability for the purpose of use in advance. For details on durability test, please contact local representative.

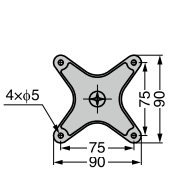
[Parts Included]

- Hex key (for fixing the mounting base)

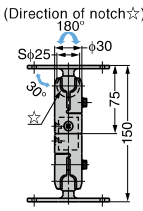
[Recommended Screws]

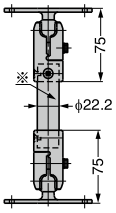
- Tapping screw 4.5 or M4 screw





Mounting plate





※Pole length can be adjusted as order basis.

RoHS	CAD	Item Code	Item Name	Material	Finish / Colour	Load Capacity N·m/pc	Load Capacity kgf·m/pc	Weight (g)	Box (unit)	Carton (unit)
–	3D	210-030-578	KA-150	Aluminium Alloy	Silver Enamel Finish	4.4	0.45	383	1	40

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