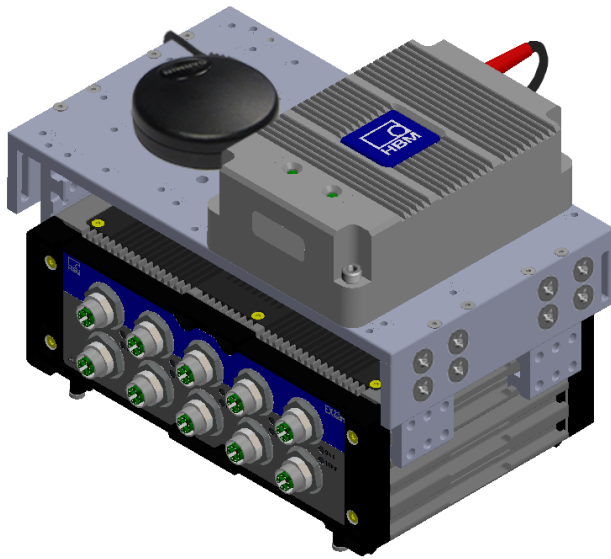


1-CASEMOUNT-UMB-2



The Universal Mounting Bracket enables a variety of SomatXR accessories to be mounted for convenient use. These accessories include GPS, UPS, Cameras, Wireless Access Points and others.

- This bracket can be used in conjunction with the 1-CASEMOUNT2-2 or 1-CASEMOUNT3-2 kits
- All components in these kits are ROHS compliant
- This universal mounting bracket supports a variety of commercial products that may not meet the vibration specs of the system. Care needs to be taken to insure that the module specifications in the data sheet are not exceeded when accessories are added to the stack.



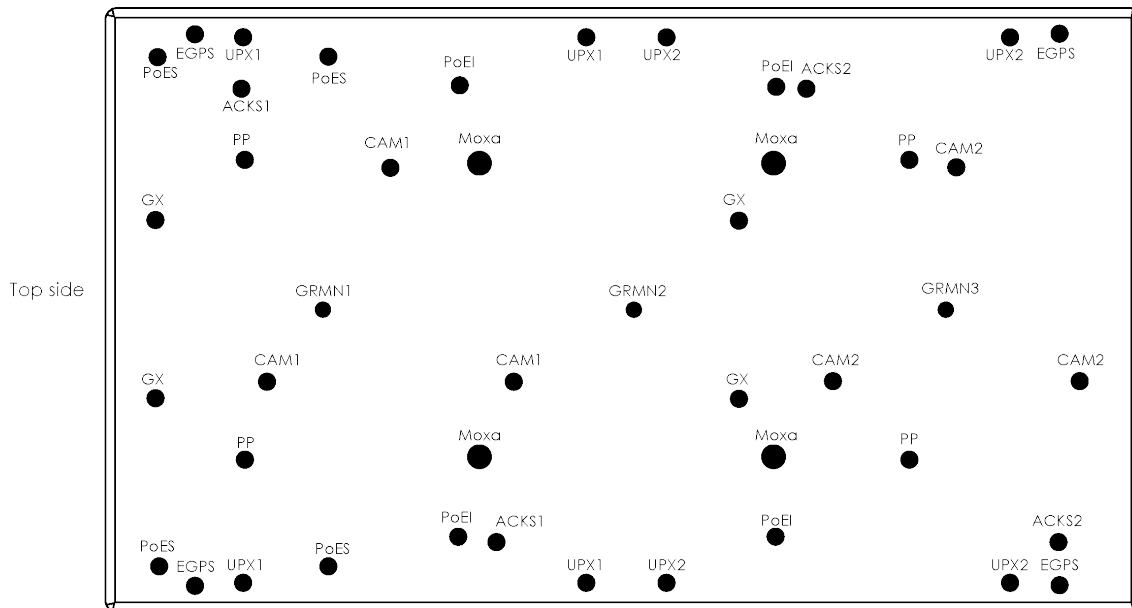
NOTE

Individually mounted SomatXR modules are vibration- and shock-proof according to MIL-STD-202G. Before mounting an accessory on a universal mounting bracket, make sure the accessory will not exceed its maximum vibration and shock specifications (see accessory data sheets).

1-CASEMOUNT-UMB-2 contents

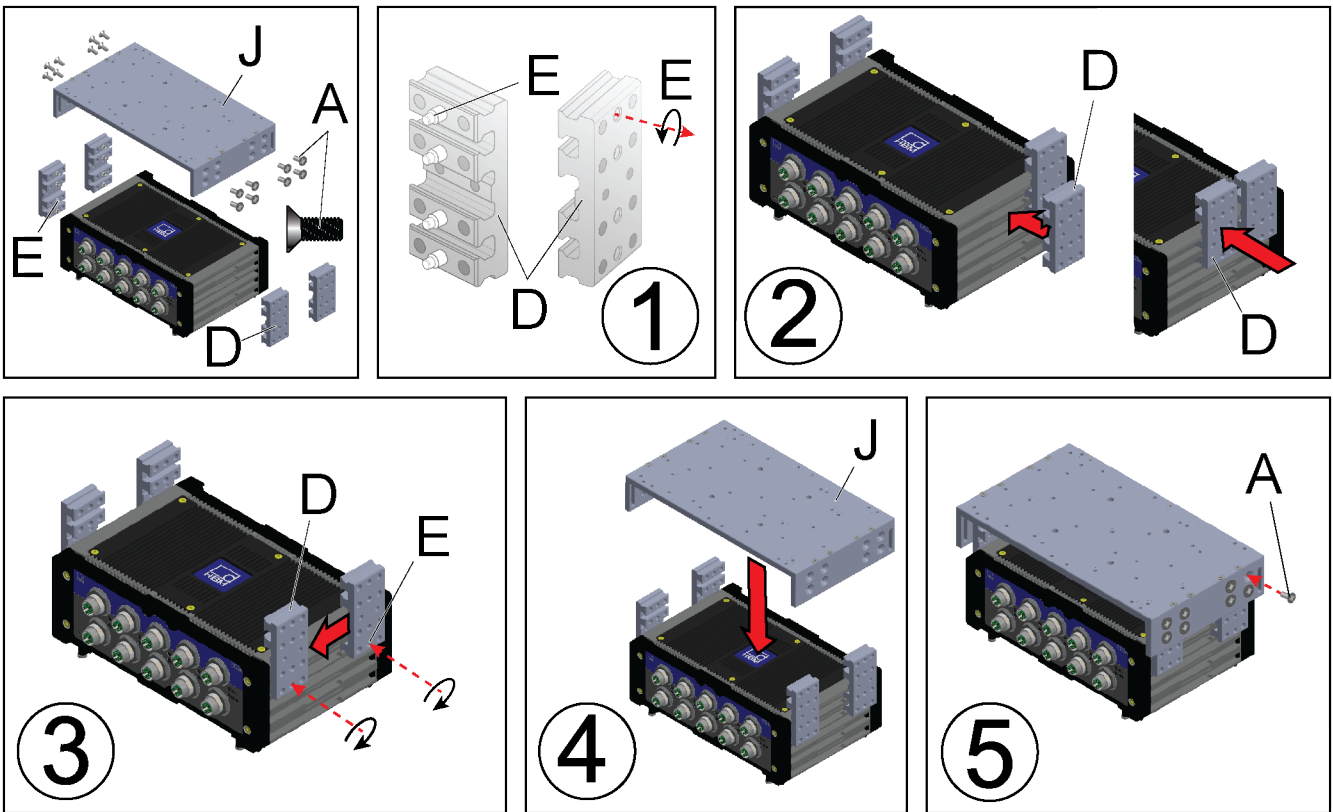
Part Number	Description	Quantity	Graphic
SO-227-1001727	M5 18-8 SS Phillips Flat Head Screw	32*	A
1-CASELINK-RUG-2	Fastener CASELINK-RUG (Four (4) caselinks (D) and sixteen (16) set screws (E) per package)	1	D, E
SO-095-1002480	Universal Mounting Bracket	1	J

*16 screws are included for installing this bracket in conjunction with the 1-CASEMOUNT2-2 or 1-CASEMOUNT3-2 kits.



Device	Part number	Holes	Screws	Graphic Designation
Axis 1	Axis 211, Axis M1103, Axis M1124, Axis M7001, Axis M7011, Axis M7014, Axis P1311, Axis P1357, Axis P 1344, Axis P1346, Axis Q1775, Axis P1214-E	3, tapped	M4 screws	CAM1
Axis 2	See above	3, tapped	M4 screws	CAM2
Sierra Wireless Airlink GX	AirLink GX450	4, tapped	M4 screws	GX
Sierra Wireless PinPoint	PinPoint X or XT	4, tapped	M4 screws	PP
L-Com PoE Power injector power supply	Included with BT-CAT6P1HP-48W	4, tapped	M4 screws	PoES
L-Com PoE power injector	BT-CAT6P1HP-48W	4, tapped	M4 screws	PoEI
HBM Uninterruptible Power Supply	1-UPX002-2	4, tapped	M4 18-8 SS, Socket Cap, 30 mm (SO-227-1002109, included with UPX)	UPX1
HBM Uninterruptible Power Supply	1-UPX002-2	4, tapped	see above	UPX2
HBM EGPS200	1-EGPS200-B-2 or 1-EGPS200-P-2	4, tapped	M4 screws	EGPS
ACKSYS wireless access point	ACKSYS WLg-xROAD/N or WLg-xROAD/NP	2, tapped	M4 screws	ACKS1
ACKSYS wireless access point	ACKSYS WLg-xROAD/N or WLg-xROAD/NP	2, tapped	M4 screws	ACKS2
HBM 5Hz GPS*	1-EGPS-5HZ-2	3, countersunk	M3 flat screws 10 mm (maximum length to retain tension)	GRMN1, GRMN2 and GRMN3
Moxa wireless access point*	MOXA AWK-4121	4, countersunk	M4 screws 12 mm (maximum length to retain tension)	Moxa

* Install the device on the universal mounting bracket before the installing the bracket on a SomatXR module.



Instructions (typical use case)

A universal mounting bracket can be used in conjunction with a 1- CASEMOUNT2-2 or 1-CASEMOUNT3-2 kit on multiple SomatXR modules. Assemble a stack before applying serviceable (blue) threadlock to Phillips head screws.

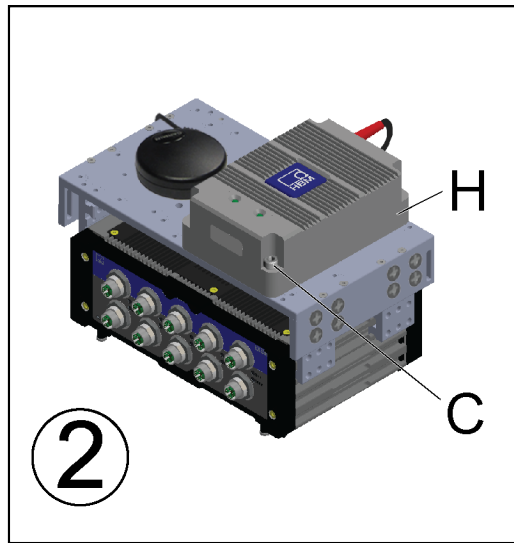
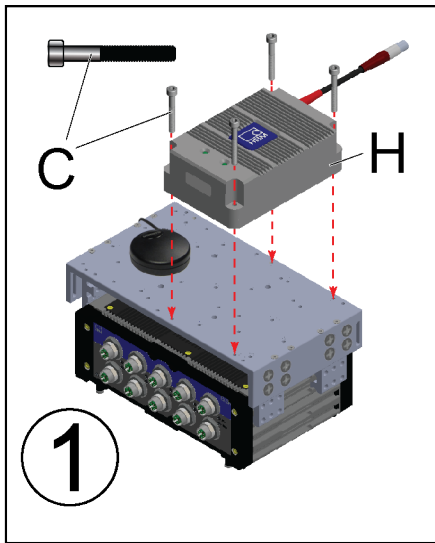
1. Apply serviceable (blue) threadlock to the four (4) M5 set screws (E) in each caselink (D). Use a 2.5 mm hex wrench to turn set screws back in the caselinks before installing the caselinks on a module.
2. Insert two caselinks (D) in the slots on each end of the SomatXR module.
3. Tighten the set screws (E) in each caselink on the module, using a 2.5 mm hex wrench. Tighten the screws to 3.6 N-m (32 in-lbs) torque.
4. Align the bracket (J) with the caselinks on the module.
5. Connect the bracket (J) to the caselinks using M5 flat screws (A), serviceable threadlock and a #2 Phillips screw driver. Apply serviceable threadlock and tighten each screw until secure using a #2 Phillips screw driver.

Optional equipment installation on the universal mounting bracket

Only one MOXA AWK-4121, 1-EGPS200-B-2, 1-EGPS200-P-2 or Sierra Wireless PinPoint X or XT unit will fit on the universal mounting bracket.

The following equipment may be installed on the universal mounting bracket:

1. Sierra Wireless AirLink GX450 **and** 1-EGPS-5HZ-2 **or** Axis camera
2. ACKSYS WLg-xROAD/N **or** /NP **and** 1-UPX002-2 **or** 1-EGPS-5HZ-2 **or** Axis camera
3. Two (2) 1-UPX002-2 units
4. 1-UPX002-2 **and** ACKSYS WLg-xROAD/N **or** /NP **or** 1-EGPS-5HZ-2 **or** Axis camera
5. Axis camera **and** L-Com BT-CAT6P1HP-48W
6. L-Com BT-CAT6P1HP-48W **and** PoE Power injector power supply (Axis camera mounted separately)



Example of Accessory Mounting: Installing a UPX series Uninterruptible Power Supply

Each UPX kit includes four (4) SO-227-1002109 (M4) screws to install the uninterruptible power supply on a mounting bracket.

1. Mount a UPX unit (H) on a universal mounting bracket using serviceable threadlock, four (4) M4 screws (C) and a 3 mm hex wrench.
2. Apply serviceable (blue) threadlock and tighten the screws (C) to 1.8 N-m (16 in-lbs) torque or vibration may loosen screws and damage bracket threads.



NOTE

Install other equipment on the universal mounting bracket using appropriate screws and serviceable threadlock. Some equipment, such as 1-EGPS-5HZ-2 and MOXA AWK-4121, must be installed on the bracket before the bracket is installed on a SomatXR module. Fully tighten the screws or vibration may loosen screws and damage device threads.



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