

# Sunshade Assembly & Universal mounting kit

SSK-5 series & UN-MK-3 series



Net Safety has specially designed the SSK-5(SSK-5X) series sunshade assembly and the UN-MK-3(UN-MK-3X) series mounting bracket for the millennium transmitter and junction box enclosures. The UN-MK-3 series mounting bracket is to assist in firmly mounting housing enclosures in different configurations depending on installation needs. The 3 different types of UN-MK-3X are; the UN-M-31, UN-MK-32 and UN-MK-33. All three mounting brackets are similar, except for the size U bolt each uses. The UN-MK-31 comes with a 3/8 x 1" U bolt, the UN-MK-32 uses a 3/8 x 2" U bolt and the UN-MK-33 has a 3/8 x 3" U bolt.

Figure 1 Typical mounting of UN MK 3X with housing enclosure to a vertical pole



## Steps in mounting UN-MK-3X to a vertical pole

### **⚠ WARNING**

Torque should be less than 2-4 ft .lbs when tightening nuts.

1. Position the UN-MK-3X with its 'V' slot making contact with the specific pole. See figures on next page.
2. Place U bolt around pole and fit to mounting bracket. Ensure U bolt threaded ends pass through two (13/32") slots on mounting bracket.
3. Fit screws, washers and nuts provided to the threaded ends of the U bolt. Ensure a \*tight fit with appropriate tools (9/16" open ended wrench, 9/16" socket).

4. Align housing enclosure mounting holes with the two (17/64") screw slots on the UN-MK-3. Position two 1/4" screws in slots and with the aid of screws and appropriate tools (7/16" open ended wrench, 7/16" socket) ensure a \*tight fit.

The sunshade assembly (SSK-5X) series is designed to provide shade for housing enclosures that are continuously exposed to direct sunlight, which may result in very high temperature exposure. The assembly comprises a sunshade and a mounting bracket. The three types of sunshade assembly available are: SSK-51, SSK-52 and SSK-53; the SSK-51 is used when mounting to a 1" pipe, the SSK-52 is for a 2" pipe and the SSK-53 is for a 3" pipe.

Figure 2 Typical mounting of the SSK-5X with UN-MK-3X to a vertical pole



## Steps in mounting SSK-5X to a vertical pole

1. Assemble the sunshade kit; using screws, washers and nuts provided, fit the sunshade to its mounting bracket with the aid of appropriate tools (7/16" open ended wrench, 7/16" socket).
2. Position completed sunshade kit assembly above the transmitter (or junction box) enclosure. With U bolt in position around the pole, ensure its threaded ends pass through the (13/32") slots of mounting bracket. See Figure 3 below (orientation B).
3. Adjust the positioning of the assembly to cover housing enclosure. \*Tighten with appropriate tools (9/16" open ended wrench, 9/16" socket).

Various mounting orientations are allowed when using the UN-MK-3 series mounting bracket and the SSK-3 series sunshade kit. The type of set up will depend on installation requirements. See [Figure 3](#) below.

Figure 3 Various mounting orientations

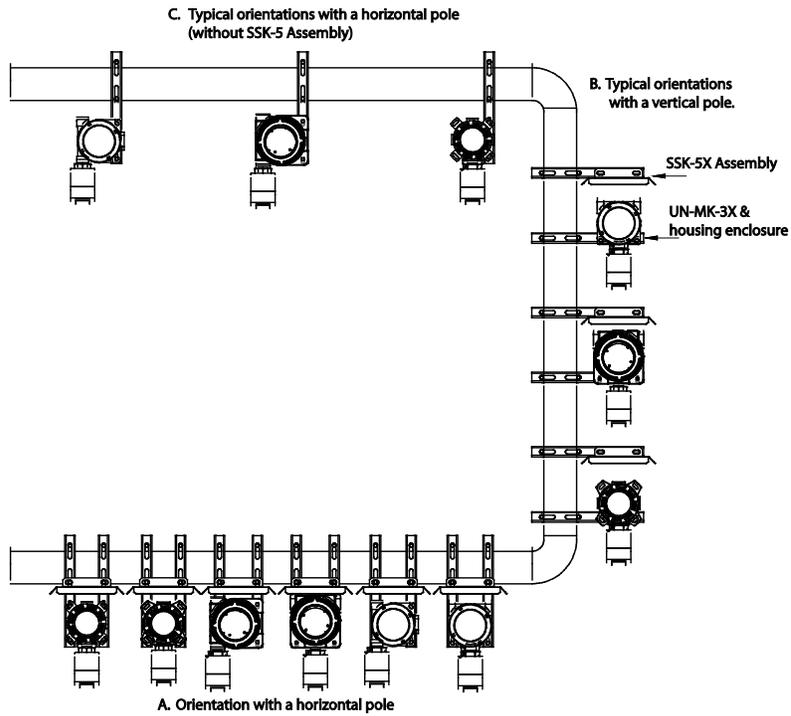


Figure 4 UNMK-3X & SSK-5X dimensional drawing

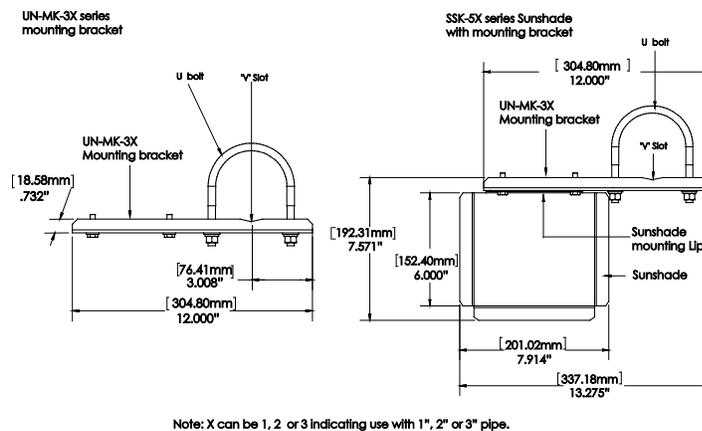
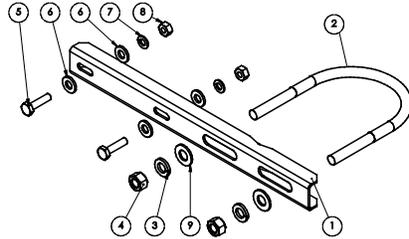


Figure 5 UNMK-3X with SSK-5X parts list

UN-MK-3X mounting bracket assembly.

ITEM	PART NUMBER	DESCRIPTION	QTY
1	MFG-0284	PIPE MOUNT BRACKET	1
2	HDW-02yy	UBOLT, 3/8-NC / (X) NPS, SS316	1
3	WSH-0039	3/8 MEDIUM SPLIT LOCK WASHER, SS316	2
4	NUT-0033	3/8-NC FINISHED HEX NUT, SS316	2
5	SCR-0141	1/4-20 x 1" HEX CAP SCREW, SS 316	2
6	WSH-0033	1/4" X 5/8" OD FLAT WASHER, SS316	4
7	WSH-0034	1/4" SPLIT LOCK WASHER, SS316	2
8	NUT-0030	1/4-20 FINISHED HEX NUT, SS316	2
9	WSH-0041	3/8 FLAT WASHER, 316SS	2

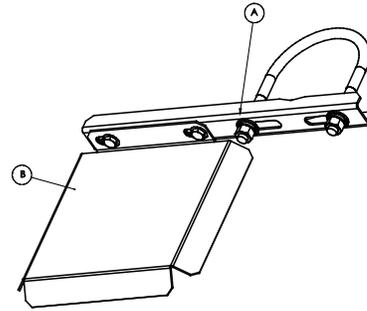
Note: Item 2 (HDW-02yy) is HDW-0245 for 1" U bolt, HDW-0226 for 2" U bolt & HDW-0241 for 3" U bolt.



Note: X can be 1, 2 or 3 indicating use with 1", 2" or 3" pipe.

SSK-5X Sunshade assembly

ITEM	PART NUMBER	DESCRIPTION	QTY
A	UN-MK-3X	PIPE MOUNT BRACKET ASSEMBLY	1
B	MFG-0285	SUNSHADE	1



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