

Q.

How to Enhance eMT3000 Interference Resistance

The aluminum enclosure of eMT3000 Series has already provided good electric interference resistance, however, the interference may enter the unit through other path, and cause the pointer to jiggle during operation. The problem can be solved by adding some protection.

A.

The following steps demonstrate how to enhance interference resistance.

Step 1. Update OS Image version.

eMT3070A	
OS image	fw_emt37_20121128.zip
Reference	eMT3070A series Firmware Upgrade.pdf
eMT31xx	
Update OS Ver.20120629 and previous versions to	fw_imx51_2012630.zip
Update OS Ver.20120713 and later versions to	fw_imx51_20121127.zip
Reference	eMT3000 series Firmware Upgrade.pdf

Step 2. Connect the **FG** on the power connector of the unit to the ground.

Step 3. Separate the brackets, the unit, and the control box by attaching black insulation tube or insulation tape over the holes.

A: Isolating the brackets
Before



After (Use black insulation tube.)



(Use insulation tape.)



B: Attach insulation tape around the edge of the panel cutout.



