January 2021

Dear valued Insectron customer,

As some of you may be aware, Berson is in the process of changing their existing Insectron ATEX certification (01ATEX2146X from 2001) towards the newest ATEX certification ATEX 2014/34/EU.

I am pleased to announce the Insectron ATEX has passed all testing. Our new Insectron ATEX range conforms with:

EN IEC 60079-0:2018
EN 60079-31:2014
ATEX 2014/34/EU

During the recertification process, minor changes were required to the ATEX product.

Most of the changes are internal, however a few are external which you will notice. None of the changes affect performance of the Insectron ATEX model.

We've included pictures of the changes and a brief explanation below.   You will begin to see the changes in shipments that occur starting in May of this year.

If you have remaining questions or if anything is not clear, feel free to contact me.

With best regards,

Theo van Ham
After Sales & Insectron Manager EMEA

Change Bulletin: Insectron ATEX Approval
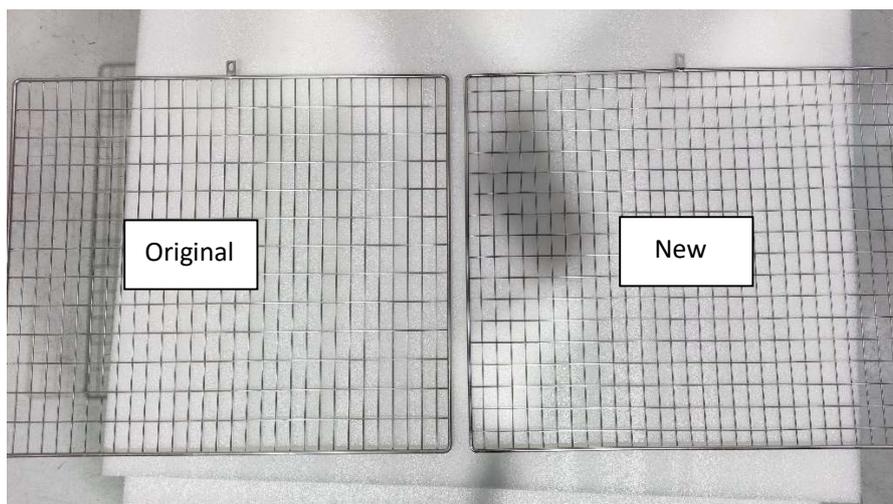
1. Safety grid design
   The grid size and material of construction of the safety grid has changed. The two pictures below show the differences in the original safety grid and the new safety grid.

   The original grid was made of galvanized steel. The new grid is made of SST-304, which has a higher potential to resist corrosion.

New type Safety grid with smaller size holes made from SST-304 material

Comparison between original used and new type. Note the original type was made from galvanized steel

2. Knurled bolt – changed to the flat head screw.

   To knurled screw used to hold the safety grid in place has been changed to a flathead screw. Where previously no tool was required to remove the safety grid, a flathead screwdriver is now required.
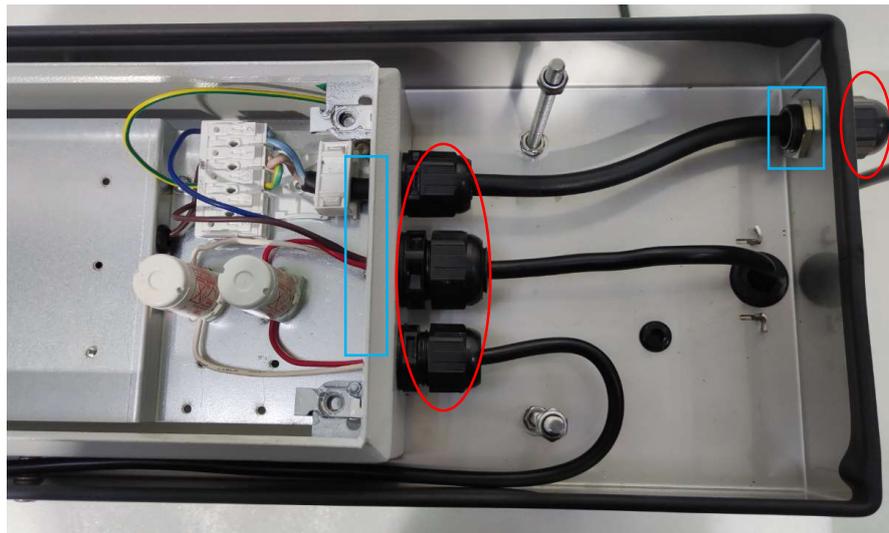
   Flathead screw is replacing the knurled screw

3. Glands and metal rings changed.

   The cable glands have been upgraded from the current plastic design to a more robust material.
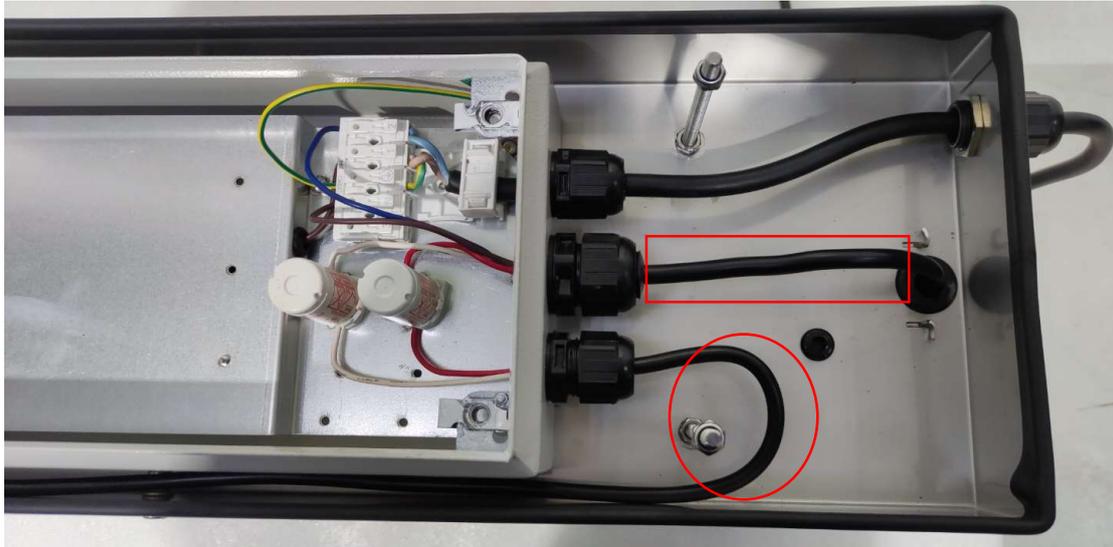
   New used cable glands and their metal counter parts to follow newest ATEX regulations.

4. Internal cable trees
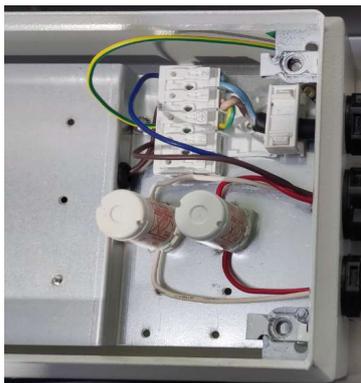
Internal cable routing has been changed.

Picture showing the new used type Internal wiring cables

5. Internal Junction box

The junction box has been upgraded.

Picture showing the new type junction box hided under the top cover.

6. Serial number label changed.

The serial number labels have been changed to show the new model type names: IN200ATEX, IN300ATEX and IN400ATEX

Picture showing the new label for IN200ATEX system

7. Warning label

A new warning label has been added.