

The following documents outlines the requirements and restrictions when installing access control using Touch Tokens or metal cans.

Tokens are very resilient devices and operate by receiving their power to operate from the fob reader. When a token touches the FOB the voltage provides the fob with the power to send its identity signal back up the power line to the logic unit. These can operate in harsh environments at extremely low temperatures but the limitations and requirements to a successful installation must be adhered with.

Cable distance from the Logic unit to the Fob reader should not exceed 10 Meters

The fob reader cable should be 80 mm from the closest part of the door frame and a 25mm hole should be left with the cable available at a height of 1.22Meters

The FOB height or release height and hole dimensions are the same. Where a wall thickness is less than 85mm then the holes for inside the door and outside should be offset by 30mm side ways.

Cat 5 or Cat 6 cable should be ran from each FOB & Release switch to the logic unit.

A Cat 5 or 6 Cable should be ran from the location of each Break Glass back to the logic unit.

A Cat 5 or Cat 6 Cable should be ran from the location for the Lock to the logic unit. We would recommend sending us the door and frame dimensions and depending on the lock type you are ordering we will give you the exact dimension and location for the hole for the locking mechanism.

All the above cables must be kept 1 meter from any electrical cables to avoid interference.

From the logic unit a 1.00mm cable should be ran to the power room location where we would recommend the use of a ups.

Plan in advance as to which doors you will require to have opened upon activation of the fire alarm. Have the fire alarm company provide a cable noting clearly on it whether it is made or broken upon activation. This cable should be run to the central power location as it is the power which will be disconnected upon alarm activation.

Please be aware that the above are guidelines and have been validated by our design and testing. Although products may work outside these specifications and guidelines we would strongly recommend adhering with them. If you have any questions please contact us before the cables etc are installed and we will be glad to assist your installer in every way possible.

Touch Token Installation Guidelines.	
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