



Infinity 2020 Testing Procedures

Because the Infinity 2020 system is totally supervised, most problems that affect operation of the Infinity 2020 system generate an immediate alarm. Examples include an open circuit alarm which is generated if the cable is cut or otherwise disconnected. A communication alarm will be generated if communication to any of the Vision Boards installed is lost. Therefore, the required maintenance and testing is minimal.

Setting Sensitivity Settings

Fence

Test 2 fence panels in each zone for alarms with an aggressive climb test and a “3 tap” test with a large screwdriver in one or more corners of the fence panel. The climb alarms the zone because it generates vibrations in the fence fabric.

The tap test with a large screwdriver alarms the zone because it generates vibrations in the fence fabric similar to cutting the fence fabric.

If an alarm is not generated, increase the sensitivity and re-test.

Wall Mount Installation

Hold a piece of wood 2 x 4 against the wall, and hit it with a large hammer. This should create enough vibration to trigger an alarm. If an alarm is not generated, increase the sensitivity and re-test.

Regular Basis

Walk the fence line to visually inspect all cable, sensors, junction boxes and cable ties for wear and to verify that all are securely connected to the fence.

Some sites do a “hit test in each zone several times per day. This is to verify operation of the system only. Use above climb and tap tests to determine sensitivity settings.

Annual

Processor

Verify that a tamper alarm is generated when cover is opened.

Turn off the AC power in the processor to verify that the power is switched to back-up battery power. The AC LED on the blue power supply board will go off while the CD LED will remain on. Turn the AC power back on.

Weather Station

Check the wind speed on the software and compare it to actual conditions to verify that the weather station is operating properly.