



### CCTV CAMERA CONTROL 🏠

A long term client of Amplicon had a project for installing their CCTV equipment in to a large city centre. Although having their own set of IP Cameras and software engineering experience in house, our client requested the assistance of Amplicon for our Industrial Computing knowledge.



### SYSTEM REQUIREMENTS 🏠

Our client required a system to run their software, controlling pan, tilt and zoom for their IP cameras.

### SOLUTION 🏠

Due to the adverse weather conditions the installation can be subjected to it was clear that a standard computer system would not be suitable and therefore a stronger, rugged and more reliable solution was required.

With temperatures ranging from  $-10^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  over the year we had to ensure all components of the PC would continue to operate.

Amplicon's new Impact-E system clearly stood out from the competition, based on Intel's Pentium M/Celeron M processors, the Impact-E is designed for space critical applications requiring fanless operation, extreme reliability, lowpower consumption and a versatile I/O configuration. Housed in compact

heavy-duty aluminium, cases they provide a maintenance free solution.

For this application, Amplicon recommended the use of a CompactFlash drive as a 2.5" hard drive would not be suitable in the extreme temperature range.

A further requirement for our client was the replacement of the two USB ports on the front of the unit with a single 9 way D type. Due to the large quantity of the order, Amplicon were able to make this change.

## WHY AMPLICON? 🏆

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The Security Automation market is a strong and growing sector for Amplicon and this proved to be the deciding factor in our client approaching us. The Impact-E as our client states is a reason they will return to Amplicon.