

Save money, time and effort with security, safety & energy-saving solutions from Clear Image

Cut costs with IP CCTV

When considering a new CCTV system, there's much more to think about than just the cost of the equipment. Conventional CCTV requires a range of control equipment and ancillary items in addition to cameras. The cost of installing these items, and the associated civil and electrical works, can often bump up the cost of a system fairly substantially.

Think about the hidden costs. More devices means more electrical work. There's also the cost of maintenance to consider. One cost that many people often forget about is the cost of running the equipment in terms of electrical consumption. A typical camera system with its associated control equipment uses a fair amount of electricity – and with rising energy costs and focus on carbon reduction, that's becoming an ever more important consideration.

We've taken a real life example to illustrate just how these costs can mount up. The site is a regional depot for a major commercial vehicle fleet management company. We've produced two designs based on conventional CCTV and the latest IP CCTV solution. In this case, the IP solution provides better site coverage using fewer cameras, requiring much less ancillary equipment, less electrical and civil work, thus making the system quicker and cheaper to install. In addition, the running costs are much less.

As you can see from the table below, the figures speak for themselves. In total, the IP solution is 30% cheaper than a conventional system, and over 40% cheaper to run on an annual basis, saving over £2500 per year. With reduced power consumption, it's also a greener option for those organisations concerned about carbon emissions and running costs.

IP vs Conventional CCTV – costs & savings	Conventional CCTV	IP CCTV	Saving £	Saving %
Supply & Installation (including civil and electrical works) - £	26363.00	19025.00	7338.00	28%
Maintenance (annual) - £	2848.00	2104.00	744.00	25%
Monitoring (annual) - £	3150.00	1500.00	1650.00	52%
Electricity (annual) - £	201.00	25.00	176.00	87%
Total Cost of Ownership (TCO) Year 1 - £	32562.00	22654.00	9908.00	30%

Of course there's more to consider than just cost. A remotely monitored IP CCTV solution delivers a whole stack of additional benefits over conventional CCTV:

- Superior image quality using high resolution digital IP technology
- Easy retrieval and analysis of data using simple built-in interface
- Images can be viewed anytime, from anywhere, using a standard PC/laptop
- Low running costs – less equipment and low consumption means reduced energy bills
- Reduced maintenance and increased reliability – no moving parts make failures rare
- Easily scalable – more cameras can be added as required quickly and easily
- Intelligent storage – so no need for DVRs etc
- Adaptable as a business tool so maximises system investment and payback