



Quote ASCQ5279  
Date: 24<sup>th</sup> June 2021  
Contact: Mr. Emyr Williams  
Communications Officer  
Llangennech & Bryn Sports Association  
Charity No. 1183362  
Project Site: Llangennech Recreation Ground  
Project: CCTV Installation & Commission @ Llangennech Recreation Ground  
Category: Public and employee safety // Deterrent // Prevention of crime  
Surveyor: Carl Morgan

### **Action Surveillance & CCTV Ltd – CCTV specification**

The following specification is for the installation of an Internet Protocol High Definition Security Closed Circuit Tele-Vision (CCTV) System at the above project address.

#### **Proposed solution**

##### **Camera technical specification...**

We propose to supply and install six external Infrared (I.R cut night vision) High Definition Internet Protocol cameras in and around the property as surveyed on the 20th June 20212. The cameras will be deployed and mounted to the suggested locations and as discussed on site. The cameras vary from wide-angled to varied focal lens of 2.8 -22mm or suited fixed lens that will be positioned and focused to cover the field of view for recognition or monitoring of individuals that enter and exit these areas. All cameras have a weather proof rating of IP65 and the recorded images will be coloured and of High Definition with a 5 Mega Pixel rating! The cameras have the added bonus of infrared capability to support viewing at darkened hours.

##### **Recording Unit (ASC86000IPHD)**

We propose to install an eight (8) channel Internet Protocol High definition recording unit with up to 8K Megapixel resolution network video recording ability as discussed on site. The recorder will be installed securely into the main building as agreed with the client.

##### **Hard Drive Storage**

The unit will be tested and built with 6000 Gigabyte of Hard Drive Solid State Surveillance storage HDD. The unit will be set to record images onto the built in mother board system.

*Note... this may seem high but all settings will be set on highest quality for best performance on all equipment. We are aiming to achieve a minimum of eight weeks footage set on motion detection.*

##### **Viewing Monitor**

The live images from the cameras will be shown on a 22 inch HD CCTV monitor with time and date on display. All cameras will have the ability to be viewed remotely on PC, Ipad or phones.

##### **Mounting Bracket**

Not required.

##### **Power supplies and Management switches**

Power supply/ management network switches will be installed and deployed into the opposite building. (these are not network switches) but can be utilised to power and run data.



### **Cables**

High performance weatherproof shielded cables will be run on installation for the cameras and network switches. The connections will be crimped/fitted and tested accordingly! Cables will be colour coded to suite the installation.

### **Wireless Bridge.**

Not required.

### **Signs**

On completion CCTV signs will be put up around the property that complies with the Data Protection and Human Rights Act. In line with the new GDPR conditions.

### **Training**

On completion passwords will be allocated to all relevant staff complying with the data protection and human rights act! All relevant staff will be given training on the basic operation of the system with the added bonus of 24 hour online support. We will assist key members with on site assistance in the first incident that requires reviewing.

### **Remote viewing**

If required the system will have the ability to be set up and connected to the internet to allow the images to be remotely viewed anywhere in the world! This is achieved over the local network / internet / mobile phone / I-pad / laptop while the customer is away from the premises. It is the customers' responsibility to obtain a static I.P. address from their internet supplier.

### **Annual Maintenance Service**

An added bonus of 24 hour online support will be available 365 days a year and we will assist key members with on site assistance when required.

### **Installation notes**

Unless otherwise stated our installation costs have been calculated on the basis of continuous working and unimpeded access (during normal working hours) to all areas necessary for us to install the system.

We will advise you immediately of any delays or problems.

The customer is responsible for notifying us of any potential hazards i.e. asbestos, poisonous or toxic substances.

Our practice is to conceal all cables using existing ducts and or attic space and that ducts have the capacity to carry our cables without interference.

We will require the use of a double socket to power and operate the equipment.

### **Lighting**

Lighting will need to be looked at once the cameras have been installed and commissioned.

### **The Data Protection Act**

It is advisable to establish whether the images recorded on the system need to be registered under the data protection act. The Act applies to **commercial and public CCTV systems only**, and is enforceable where a CCTV system obtains, records, or stores personal data in the form of video images. Further details may be obtained from...

Information Commissioner's Office (ICO) CCTV Code of Practise 2008.

[www.informationcommissioner.gov.uk](http://www.informationcommissioner.gov.uk) or telephone 01625 545740.



## Field of View overview explanation

*Detection* - At least 10% Detection (referred to in the new BS as verification) means that the operator viewing the display screens is able to determine with a high degree of certainty whether or not a human being is present.

*Observation* - 25% to 30% Observation means that the operator viewing the display screens is able to see some characteristic details of the individual, such as distinctive clothing, whilst also being able to see some activity surrounding the incident being viewed.

*Recognition* - At least 50% Recognition means that the operator viewing the display screen is able to determine with a high degree of certainty whether or not an individual shown is the same as someone they have seen before.

*Identification* - At least 100% Identification means that with the target now occupying at least 100% of the screen height, picture quality and detail is sufficient to enable the identity of an individual to be established beyond reasonable doubt.

## Guarantee/disclaimer

The system and equipment will be guaranteed for 1 year post installation. Where there is genuine technical fault due to equipment or deployment we will endeavour to replace or repair faulty equipment at the earliest opportunity. Any misuse or damage found will be at the customer's expense.

In our experience we found that many systems that we look at are not good enough and give poor viewing and when the evidence is required the system falls down and is basically a waste of money! We do not just install cameras that give you a picture we will set up the system that will give you a picture for **detection, monitoring, recognition** or the **identification** of people and explain to you why each camera has been set up and positioned in this way. Each customer will have different requirements and ultimately the final say, but we feel we are not providing a service unless we give our expert opinion.

## References...

Please note that we have supplied a number of business's/pubs/restaurants locally that have had to comply with licensing agreements and would be happy to give references on our services and products. We have a good working relationship with our clients and an appointment can be arranged for you to view any installed system of your choice.

We strongly believe that the aftercare service is just as important as the product installed itself and thrive on good feedback from our customers!



### Financial summary for security proposal...

For supply and installation of...

|  |               |
|--|---------------|
| 8 camera Internet Protocol High Definition security CCTV system          | £1396.00 +vat |
| Labour/fuel for engineers to install and set up with fully commissioning | £ 500.00 +vat |
| Customer & Staff Training  | Included      |
| SSAIB registered completion Certificate                                  | Included      |
| Annual Support and Maintenance £150 per annum                            | £ 150.00 +vat |

(Warranty on all equipment extended to 2 years with the support and maintenance contract)

Thank you for the opportunity to quote for the above project.



Kind regards

Carl Morgan B.A.(Hons).Dip,H.E.  
Managing Director