



M B SECURITY SYSTEMS

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ESTIMATE

The Clerk
B/Lyd parish Council
PO Box 1056,
TAUNTON,
Somerset,
TA1 9TD

REF MBS/462

08 July 2026

Dear David

We hope this quotation finds you well?

I have pleasure in sending you our quotation for the supply and installation of your proposed CCTV system at the public conveniences in Bishops Lydeard..

We hope it meets with your approval and is within your intended budget?

The recorder can allow you complete network access to all cameras when connected to a broadband line, via any computer or portable device, with any high speed data connection.

The Digital video recorder I have quoted is capable of recording up to 4 x cameras and incorporates a 2TB hard Drive.

Should you be intending to incorporate additional cameras in the future, you will be able to include an additional Two (2) cameras.

As this is a public building David, It will require an asbestos survey prior to the commencement of any drilling. I hope you understand it is illegal to start any work without this.

Should you have any queries please feel free to contact me to discuss them.

Yours sincerely

Mark Bowden-MBS Systems-Taunton

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Sole Trader: M D Bowden

REF- BISHOPS LYDEARD PUBLIC TOILETS

CAMERAS

HIKVISION DS-2CE78HOT-IT3 5MP 2.8MM



A 5MP CMOS Chipset, giving high resolution colour images during the day. The camera has a 2.8mm fixed lens giving a wider viewing area.

This camera offers the highest frame rates at:

5mp at 20 frames per second.

4mp at 30 frames per second.

Also includes 4mp at 25fps and 1080p at 30 and 25fps.

It has a 3 axis mount meaning it can be mounted vertically and horizontally

Up to 30m IR distance for night time images.

IP66 weatherproof

120dB wide dynamic range

Vandal resistant up to IK10

12V DC & PoE (802.3af)

CAMERA LOCATIONS

Camera 1

This camera will be externally mounted on the front Left Hand wall of the building, giving a general view of the toilet entrance and access areas.

Camera 2

This camera will be externally mounted on the Right Hand elevation giving a general view of the toilet entrance and access areas.

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CABLE

Type: RG59 coaxial cable will supply power and video.

Purpose: To provide the voltage to the cameras and data transmission from the cameras to the NVR .

RECORDING

Hikvision DS-7604-NI -K1/4P 4TB Digital Video Recorder - To be sited in the utility room



To Supply and install a Hikvision DS-7604NI-E1__Network Video Recorder with 4 channels incorporating 1 x SATA hard drives containing 2Terra Bytes . The Network recorder is rack mountable (1u). It offers reliable connectivity to almost any networkable device including downloads for windows and Mac and apps for iphone, ipad and android.

The recorder will be licence free and accessible across your network, as well as externally via video management software.

The Digital recorder has the capacity to record information for up to 31 days.

This however may be impractical, so the recorder may be set to record information for the duration which best suits your environment.

This should be discussed with the installer at commissioning.

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MONITORING

To fit a 22 Inch Colour TFT monitor, giving images at 2080x1024. This will be situated in the utility room with the recording equipment.

IMAGERY SIZE

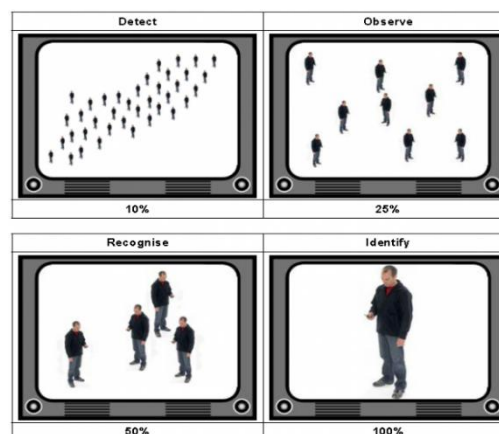
HOME OFFICE RECOMMENDATIONS FOR FACIAL RECOGNITION

For the purposes of **Identification** the subject on the screen must occupy **120%** of picture height.

For the purpose of **Recognition** of a known person the subject on the screen should be greater than **50%** of picture height.

For the purpose of **Observation**, i.e. movement, direction and speed of people, then the subject on the screen should be not less than **25%** of picture height.

For the purpose of **Detection** the subject on the screen should be greater than **10%** of picture height.



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LIGHTING

- White Light** If Surveillance after dark requires colour images to be maintained, then a sufficient level of white light will be required.
If these light levels are inadequate then the colour image may shift to Monochrome.
- Infra Red Light** The camera and lens combination detailed in this quotation allow for the monitoring of infra Red light.
PLEASE NOTE- Infra Red light ONLY works with MONOCHROME pictures.

Lux level examples:

Moonless, overcast night sky	0.0001 lux
Moonless, clear (starlit) night sky	0.001 lux
Quarter moonlight on a cloudless night	0.01 lux
Deep twilight	1 lux
Twilight	4 lux
Well Lit areas	10 lux
Stairs/Passages	60 lux
Offices/Retail	250/500 lux
Stores Daylight	10,000/25,000 lux
Full sunlight	32,000/130,000 lux

230 VOLT AC POWER

One (1) x double 230 VOLT AC SWITCHED SOCKET OUTLET will be required in the plant room next to the position of the recorder.

**This is *your* responsibility to supply, prior to installation.
If this is not practicle, we can supply and install the socket
at an additional cost of £75.00**

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BROADBAND LINE

If remote access to the cameras is required, then a high speed broadband line is essential in the same building as the camera installation.

If there is no broadband line installed and no router, then a 4g sim router will be required.

These are £ 120.00 to purchase with a monthly subscription of £25.00 for a 2GB transfer rate per month.

This will be setup on a standing order with a minimum 12 month term.

DATA PROTECTION ACT

Please be advised, it may be necessary for this completed installation to be registered with the Information commissioners office.

The Data protection Act 1998 also requires the provision of signage. These can be provided by *MB Security Systems* at ordering, if required. These cost £ 5.00 each for an A4 size sign..

TO KNOW YOUR RIGHTS AND OBLIGATIONS PLEASE VISIT:
<https://ico.org.uk/for-the-public/cctv>

Cost (Not including socket and 4G router)	£ 913.00
Additional router and subscription	£ 420.00
Double socket	£ 75.00
Total cost inc. VAT@20%	£ 1408.00

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