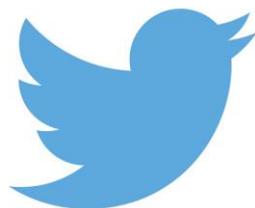




## SINGLE CAMERA SOLUTIONS FOR PLACES OF WORSHIP



- Connect with your congregation
- Add value to your services
- Attract new worshippers

## Objective

To bring places of worship online in the post-lockdown normal, by harnessing the power of the internet and making best use of technology. To help grow your congregation. To help add value to your services.

## Benefits

Connect with members of your congregation who may be unable to attend due to sickness, isolation, or travel.

Add value to events such as weddings, funerals, and christenings by offering to stream them online, allowing people who are not able to attend to feel as though they are part of the audience.

Attract new congregants from outside your parish. It is not uncommon for ex-pats to appreciate a service more like home.

Connect with transient parishioners such as students and overseas workers.

## Channels

There are several channels available to broadcast your services, the most popular being Facebook and YouTube, and it is very easy to create an account in preparation to live stream.

## Equipment

Some hardware is necessary, but once this is set up and configured by our engineers there is very little left for you to do.

The production can be as simple as a single camera focussed on the altar or, a multi camera set up with a simple to control video switching device plugged into your laptop.

## What will you need?

Internet connection – A fast and reliable internet connection with a minimum upload speed of 10Mbps. This can be provided in several ways, either through standard Broadband, a Fibre connection or a 4G mobile connection. If you do not have any of these, we can provide them. Litenet can check what is available in your area.

Computer – In order to stream to the internet, you will need a computer of some sort, either a desktop or a laptop. This encodes the video signal from the cameras and sends it to the social media platform. It does not need to be anything special but does need to be relatively modern. Litenet can provide these if required through our wholesale computer equipment relationships.

Sound – A lot of churches are already equipped with microphones and speakers. If you already have a modern audio system in place, we can use this to feed high quality sound into your live stream. If not, we at Litenet can work with you to provide microphones to capture the ambience of the church. The single camera solution uses the cameras inbuilt microphone.

## The Litenet Package

**£1,070.98 + Vat**

The basic package consists of all the equipment, installation and cabling required to get your church streaming live on social media.

The package assumes that you have a laptop and internet connection.

### What do you get?

 <p>1 x Panasonic Lumix G80 with lens</p>	 <p>1 x Manfrotto Befree professional tripod</p>
 <p>1 x HDMI to USB3.0 capture card – turning the camera into a webcam</p>	 <p>1 x 10m High Quality HDMI extension</p>

## Things to consider

Thought should be given to camera positioning, avoid trailing cables where possible and protect people from trip hazards.

If you wish to stream to more than one platform it is advisable to use a distribution platform such as Cloud Core or Restream.io. These save time and bandwidth by only feeding one stream from your computer to their platform and they distribute it to the social media outlets such as Facebook Live, Youtube and Twitter.

The system requires a computer (ideally with USB3.0, but is compatible with USB2.0) and internet connection in order to stream live. We recommend an internet connection with a minimum upload speed of 8Mbps for a good quality stream to a single destination. This can be either a cabled internet connection or a 4G mobile connection. Litenet can provide either of these if required, dependant on signal and availability in your area.

**Litenet are here to assist you. If you have any questions about how these solutions work, or have a requirement for something different, please get in touch. There are a number of support options available to cover hardware and software, as well as fixed rate remote engineering costs.**

Kind Regards,

Chris Thomas

(Director)

**Telephone 01908 794 794**

**Email [Chris.thomas@litenetuk.com](mailto:Chris.thomas@litenetuk.com)**

**Web [www.litenetuk.com](http://www.litenetuk.com)**