

**A Network Video Recorder**

The NVR is already programmed for the cameras supplied with the system. An HDMI port is located on the side of the cabinet at point **B**. Connect an HDMI monitor to view live feeds from the cameras. A mouse is supplied in the accessory box, which can be plugged in to the USB port on the front of the NVR.

Adding additional cameras to the system will also require adding them to the NVR. For assistance with NVR setup and programming, please contact Ciqurix tech support. Full operating instructions can be obtained from the manufacturer's website.

**F Wide Area Network (WAN) connection**

The Ciqurix network is not a standard TCP/IP ethernet network. It must be kept totally separate from any other network, including from other cctv equipment. The Ciqurix protocol may be affected by other network equipment, and/or cause faults on that network. The only allowable connection to an external network is via the WAN port on the FCam2Go rack.

The FCam2Go WAN port is set up to obtain a DHCP address automatically from the client network to which it is connected. This address should be reserved in the DHCP pool on the client router or DHCP server. This is the address that is used to connect to the NVR for remote viewing. NB the IP address shown on the Controller display is the Controller's internal address on the Ciqurix network, not the FCam2Go address on the client network.

Please ask the client network IT admin to contact Ciqurix tech support for further information.

**G Fault & Alarm relay contacts**

The FCam2Go is provided with a system fault contact and eight programmable alarm relays, which are all volt-free changeover type.

The system fault relay should be connected to an external system so that any issues with the FCam system can be investigated. The system fault relay is fail-safe (held-on) via heartbeat, so will still indicate fault even in power failure or total system failure.

The eight programmable alarm relay contacts can be set during commissioning to trigger for fire events from a zoned area of a camera view, from one camera, from a group of cameras, or from all cameras (global fire). The default operation mode is global fire.

**H Engineer programming connection**

Connect a laptop using a standard ethernet cable and set the laptop to obtain a dhcp address from the network. Open the FCamDC application (available from Ciqurix) and connect to the Controller using the information displayed on the Controller screen. For assistance, arrange a remote support session with Ciqurix technical support via Teamviewer.

On some versions of the FCam2Go the engineer programming connection is provided as a loose flying lead inside the cabinet, which is labelled. Connect this to your laptop and proceed as above.

**C Cable support bar**

This perforated bar is designed to provide an anchoring point for cable ties. Each cable should be adequately supported so that no strain is placed directly onto the punch-down terminations. It may help when routing cables within the cabinet to temporarily remove this bar to provide better access. Please ensure that data cabling is kept separate from mains cabling and away from the rear power strip as much as possible.

**D Mains power supply feed**

The FCam2Go is provided with a mains power lead which should be connected to a 220-240Vac mains power socket capable of delivering 6A (inrush 13A max < 30ms).

The mains supply wiring within the FCam2Go is not designed to be user serviceable. Follow all applicable local regulations. Route the mains supply cable apart from other cables as much as possible.

This equipment must be earthed. All electrical work must be undertaken by a qualified electrician. Refer to the system manual for important electrical safety information.

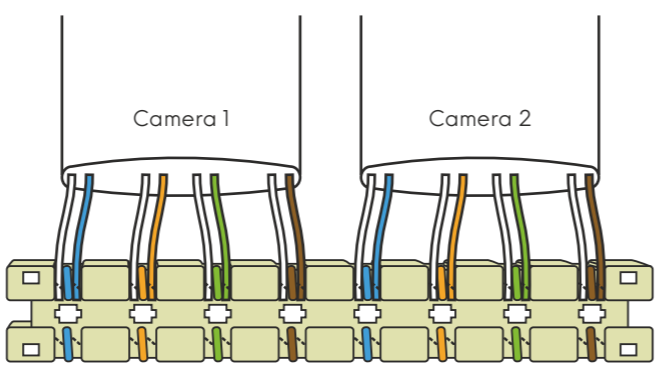
**E FCam FLEX camera connections (not suitable for CORE cameras)**

Punch-down connections are provided for either 8 or 16 cameras. These are PoE enabled network ports and require a PoE adapter (PS-112) to be fitted to each FCam FLEX camera. These terminals may also be used to connect FLEX I/O Modules.

All terminals are designed to accept Cat 5e or Cat 6 network cable, which should be terminated using a Krone-style punch-down tool to the top of the terminal.

Additional cameras can be connected to the system using a separate PoE network switch, which should be connected to one of these camera ports.

All cabling should be tested thoroughly before system commissioning.



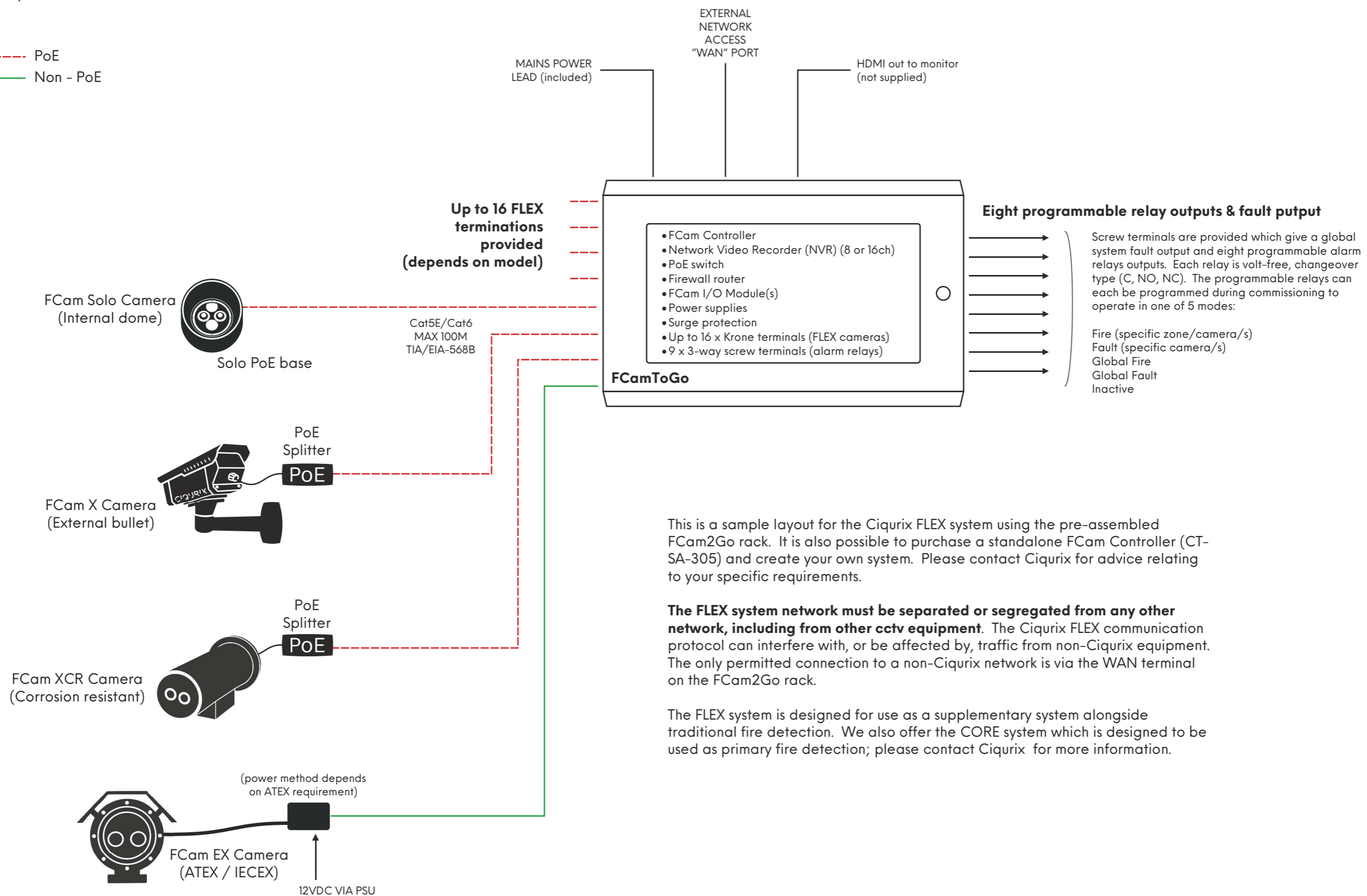
**I FCam Controller status**

The FCam Controller checks the status of FCam cameras, updates and monitors their settings, allows programming and setup of the system, checks for detected/reported fires, and triggers system output relays in fire and/or fault conditions. The status screen shows various information about the system on a cyclical display:

IP address (on the Ciqurix network)	Firmware version
<code>10.247.247.247</code> <code>Port 8080 S</code>	<code>Version 4.0.2</code> <code>C082301001</code>
(S)tatic or (D)hcp addressing	Controller serial number
Connection port	
Programmed devices (eg. 10 Cameras and 3 Modules)	
<code>CAM:10 MOD:3</code> <code>No faults</code>	<code>CAM:10 MOD:3</code> <code>Faults:C1/M0</code>
All healthy	Current fault totals
	<code>Fires:3</code> <code>No faults</code>
	Current fire totals

Up to 128 FCam FLEX flame detection cameras of any type can be connected to one FLEX system via structured cabling in accordance with ISO/IEC 11801-3.

----- PoE  
 ——— Non - PoE



This is a sample layout for the Ciqurix FLEX system using the pre-assembled FCam2Go rack. It is also possible to purchase a standalone FCam Controller (CT-SA-305) and create your own system. Please contact Ciqurix for advice relating to your specific requirements.

**The FLEX system network must be separated or segregated from any other network, including from other CCTV equipment.** The Ciqurix FLEX communication protocol can interfere with, or be affected by, traffic from non-Ciqurix equipment. The only permitted connection to a non-Ciqurix network is via the WAN terminal on the FCam2Go rack.

The FLEX system is designed for use as a supplementary system alongside traditional fire detection. We also offer the CORE system which is designed to be used as primary fire detection; please contact Ciqurix for more information.

This is an indicative layout for guidance only. Every site is different; please contact Ciqurix for advice. +44 (0)1803 467300 [support@ciqurix.com](mailto:support@ciqurix.com)