



FLEX

CT-FC2G-208

datasheet version 2.0
published 19-02-24
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FLEX HUB

The Flex Hub is a fast-install packaged solution which is pre-assembled and configured to the most common site requirements, saving large amounts of installer time fixing items to walls or building rack cabinets on site. All terminations are brought out to the front panel for simple and quick connection.

Just connect FCam FLEX cameras and mains power, and you have a fully functional “punch and play” video fire detection system. Up to 8 FLEX cameras can be punched directly into the Hub, but up to 128 FLEX cameras can be supported by using additional distributed network switches fitted around the site.

The Flex Hub includes: FCam Controller, punchdown terminations for 8 FCam Cameras, relay outputs for fault and alarm, PoE switch and router, power supplies, and everything else you need - all pre-assembled in one compact rack cabinet. The Flex Hub is designed to be used with an NVR (Network Video Recorder). Either a Ciqurix-supplied NVR can be used (part codes starting CT-VDM), or you can supply your own NVR to Ciqurix for upgrade and incorporation (part codes starting CT-VDUP). Please contact us for information about compatible models.

Features

Designed for NVR

A choice of NVR's can be pre-installed into the Flex Hub; we can supply one, or upgrade and fit one that you supply to us.

An HDMI connection socket is provided on the top of the rack for connection to an HDMI monitor (not supplied), along with a wireless mouse for easy NVR control.

Simple cabling

Cable termination is via Krone punchdown block or screw terminals, all of which are clearly labelled and accessible from the front panel.

Cable entry is via a pre-grommated cut-out on the top of the unit. A mains cable and plug are included.

Flexible outputs

Eight programmable alarm relays plus a global fault relay provide universally compatible signalling to other systems, eg. fire alarm, fire suppression, remote communicator.

FLEX I/O Modules (CT-MD-124) can be connected to the system if additional alarm outputs are required.

E&OE. Ciqurix operates a program of continuous product development. Specifications, product availability and part codes may be subject to change without notice. Any images provided in this sheet are representative samples. Please always check with Ciqurix for the latest information.

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Layout

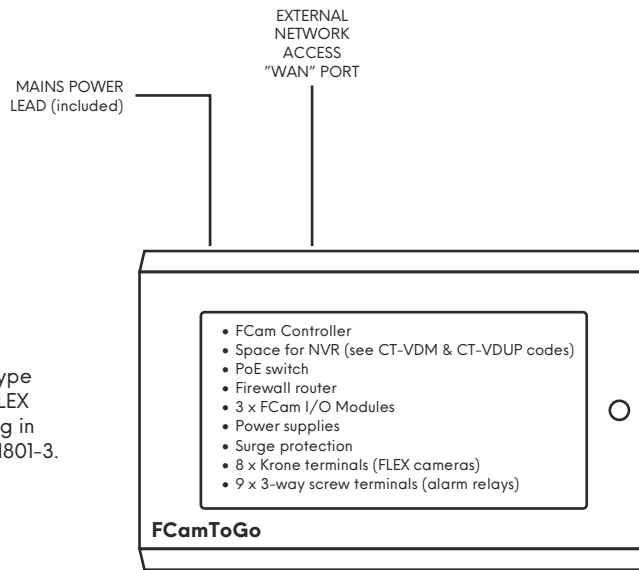


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Up to 128 FCam FLEX flame detection cameras of any type can be connected to one FLEX system via structured cabling in accordance with ISO/IEC 11801-3.

--- PoE
--- Non - PoE

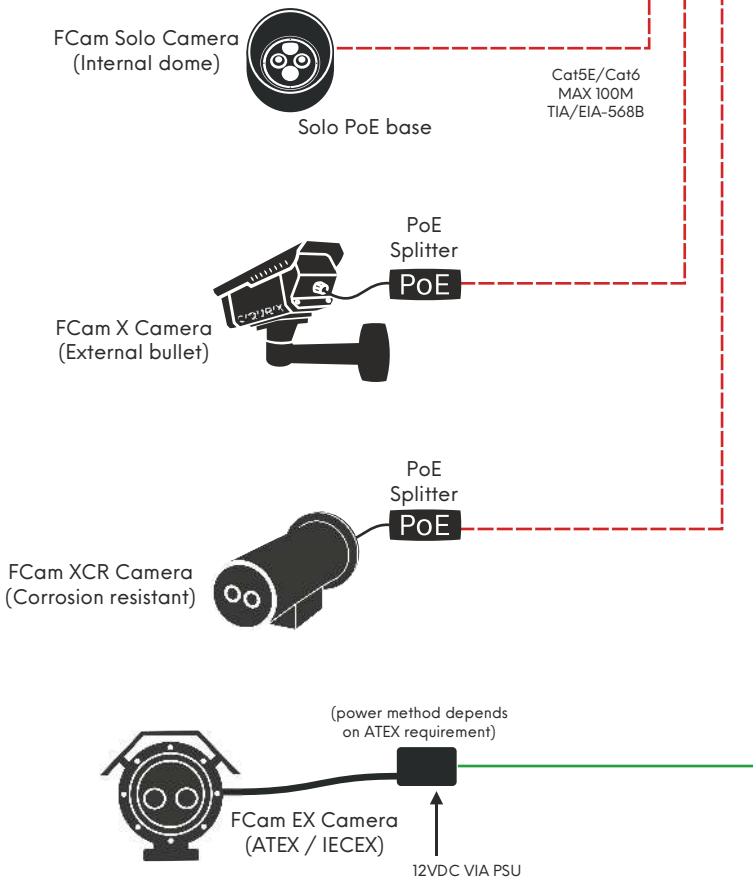


Eight programmable relay outputs

Screw terminals are provided which give a global system fault output and eight programmable alarm relays outputs. Each relay is volt-free, changeover type (C, NO, NC). The programmable relays can each be programmed during commissioning to operate in one of 5 modes:

- Fire (specific zone/camera/s)
- Fault (specific camera/s)
- Global Fire
- Global Fault
- Inactive

Eight FLEX terminations provided



This is a sample layout for the Ciqurix FLEX 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 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.

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Specification

| | |
|----------------------------------|--|
| CT-FC2G-208 (without NVR) | |
| Voltage: | 220-240Vac 50Hz 220W |
| Mains Input: | 3-core flex with UK type-G mains plug (others on request) |
| Temperature: | +5 to +40 °C |
| Environment: | IP20 (indoor use in a clean area) |
| Weight: | 29.5kg |
| Dimensions: | 640mm (w), 550mm (d), 378mm (h) |
| | 6U |
| Connections: | 1 x system global fault output (screw terminal changeover relay) |
| | 8 x programmable alarm outputs (screw terminal changeover relays) |
| | 8 x FLEX ports for FCam FLEX cameras or FLEX I/O Modules (Krone IDC punchdown) |
| | 1 x WAN port for external network access (RJ45 socket) |



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