



CONTROL HUB - WALL MOUNT

The central point for any FCam CORE system, the Control Hub is a fully assembled and pre-configured rack unit which provides control and interface functions for the FCam CORE system.

The Control Hub supports up to 6 QLS devices (CORE cameras or modules) directly, and up to 128 with the use of Extension Hubs.

It is also available in a 19" rack-mount enclosure, see CT-MHBB-106.

Features



Battery backed

Meets the requirements of BS5839-1 for L1-5 and P1-2 category systems (with remote fault monitoring).

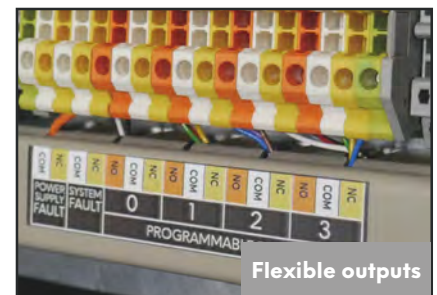
During a mains failure the Control Hub will continue to power itself and up to six attached QLS devices for 24 hours in standby plus 30 minutes in alarm. NB The NVR recorder and any other ancillary equipment is not battery-backed.



Simple cabling

Designed specifically for use with fire-rated "FP" data cable, all cable termination is via punchdown block or screw terminal, all of which are clearly labelled and accessible from the front panel.

Cable entry to the cabinet is via 20mm glands, which are supplied ready-fitted so no drilling is required.



Flexible outputs

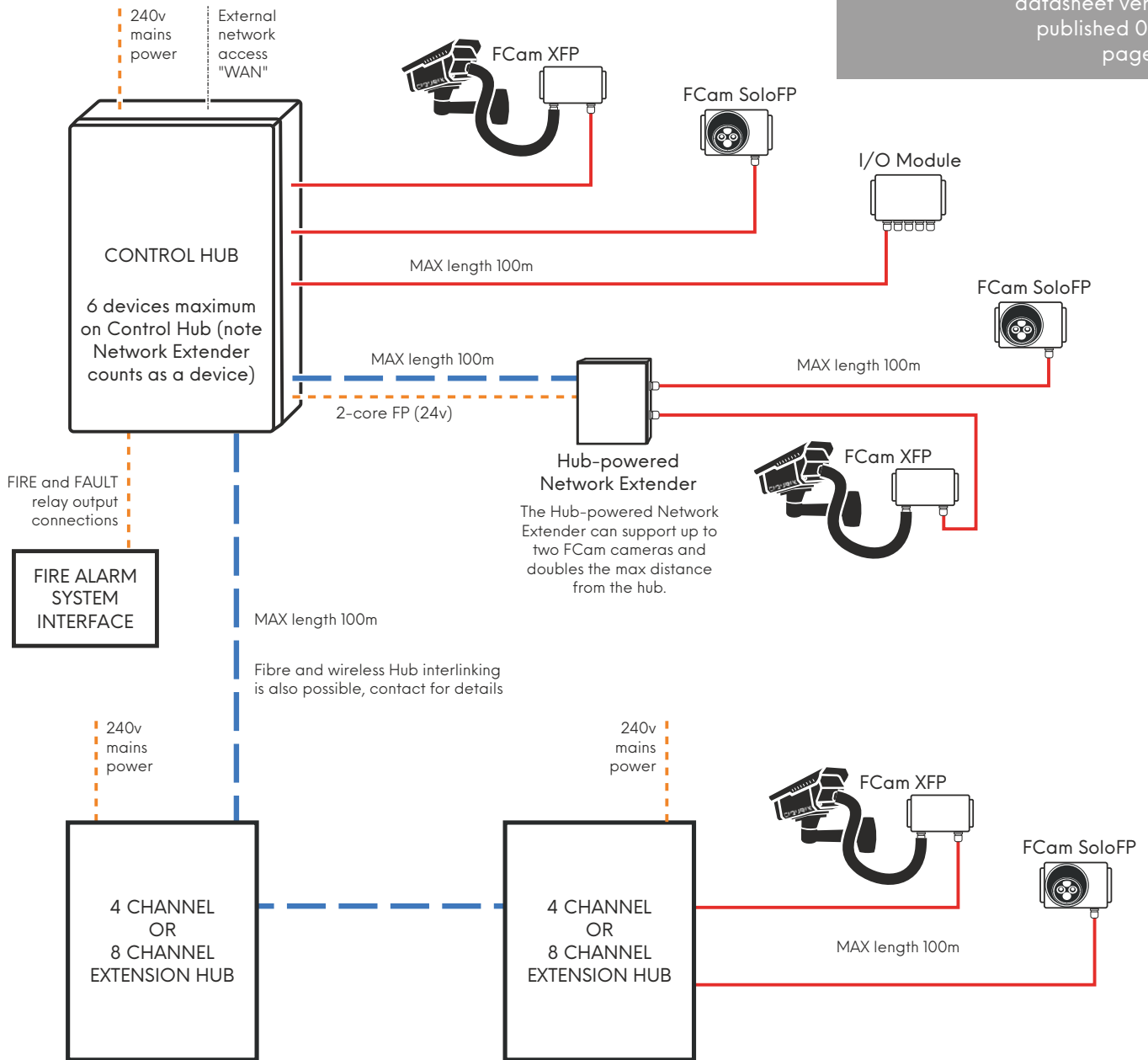
Four programmable alarm relays plus two fault relays provide universally compatible signalling to other systems, eg. fire alarm, fire suppression, remote communicator.

CORE I/O Modules can be connected if additional outputs are required. Each Module provides four programmable outputs.

Layout

This is an indicative layout for guidance only. Every site is different; please contact your supplier for advice.

- — — Hublink - fire rated cat6 - data
- — — QLS - fire rated cat5e or cat6 - data/power
- - - Ancillary connections - standard "FP" 2 core



4 or 8 additional devices maximum per Ext Hub (depending on model).
Hubs can be connected directly to Control Hub or daisy-chained.

Each QLS field device is connected directly to a Hub using a fire rated 4-pair cat5e or cat6 data cable. Hubs are linked together using fire rated 4-pair cat6 data cable (fibre-optic and wireless linking is also possible). Hub-powered Network Extenders also require a fire rated 2-core dc power cable from a Hub.

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Specification

Voltage:	220-240Vac 50Hz
Current:	4A (inrush max 30A <30ms)
Power Input:	Screw terminal
Batteries:	Yuasa NPL65-12I 65Ah 12V VRLA x 2 (included)
Temperature:	+5 to +40 °C < 90% Humidity
Environment:	IP60 (suitable for dusty areas, internal use only)
Weight:	130kg (incl batteries)
Dimensions:	600mm (w), 300mm (d), 1000mm (h) - excl fixing brackets Space provided for optional NVR (video recorder) - 2U / max depth 420mm
Connections:	1 x system global fault output, 1 x hub power fault output (both normally-closed relays) 4 x programmable alarm outputs (changeover relays) 6 x QLS ports for FCam CORE cameras or CORE I/O Modules (Krone IDC punchdown) 1 x hublink port for Extension Hub connection (Krone IDC punchdown) 1 x WAN port for external network access (Krone IDC punchdown)
Optional:	Additional ports for I/O Modules only (max 2), fibre optic upgrade to hublink port and/or WAN port, aux power terminals for Network Extender/s, modified hublink port suitable for wireless hub link. <i>All options incur a fixed customisation fee plus the cost of any additional equipment required.</i>



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