

C-MCU-RP

A rugged, low power sensor hub designed to operate in the harshest of conditions, designed for ease of integration and roll out ready.



Rugged, compact and modular computing

The C4i Systems Monitor Control Unit (MCU) is a portable sensor concentrator and monitoring solution which has been designed for use as a stand-alone solution or for use in wider platform solutions to provide the ability to gather multiple Serial and IP sensor feeds and distribute them across the wider network.

Multiple MCU units can be interlinked via fibre optic cable, Cat5 or wireless IP bearers to increase the sensor coverage area, share sensor data or create a perimeter sensor network.

The MCU has been built and tested to DEFSTAN 00-35, DEFSTAN 59-411 and MILSTD-810G.

The MCU has a robust and durable chassis that is tested to IP67 standards against dust and water ingress. With options for mast/ vehicle mounting, custom sensor cables, multiple power inputs and network connectivity the MCU has complete flexibility for sensor to IP data transfer.

Standard Configuration:

- Weight: 4 Kg
- Dimensions mm: 112 x 215 x 325 (H x W x D).
- 4 x RS232/422/485 input/outputs
- 2 x Fast ethernet 38999 network connections
- 2 x Fibreco expanded beam connectors. To allow daisy-chain connection
- Wide DC input range (9-36vDC)
- Inbuilt unit tamper detection1 x LAN Ethernet Port
- Mounting Options available

