For on-site and remote coldroom monitoring and datalogging applications.

- Networked product
- Suitable for up to 4 coldrooms
- Alarms on high and or low temperatures
- Plant failure alarm input
- Door switch input
- Defrost input
- Defrost not detected alarm
- Datalogging at board level
- Set up parameters maintained for restart

Product Data

Product Range
There are 2 models in the CR range. The CR120 is suitable for monitoring temperatures in up to 2 coldrooms and the CR110 up to 4.

Temperature Monitoring
The CR series monitors/alarms up to 4 temperatures with a range between - 40°C and + 70°C.

Alarms
The CR series will monitor and alarm on high and/or low temperature, plant failure. Temperature alarms are inhibited during defrost and defrost recovery. The CR100 series will monitor coldroom door open and will alarm if a pre-defined door open delay period is exceeded. Alarm parameters and delay periods are configuable on-site or remotely.

Datalogging
Provides comprehensive alarm reporting and datalogging when connected to a JTL Network.

Remote Access
If operating within a JTL Network, alarm parameters and alarm settings can be viewed and adjusted remotely.

Hardware

Optically isolated high voltage inputs 8
Temperature sensor inputs 4
Sensor types supported .... 5 kohm NTC thermistor
Datalogging memory capacity .... 1000 points on 4 channels

Technical Specification

	CR110	CR120
Temperature sensor input 1	Air On 1	Air On 1
Temperature sensor input 2	Air On 2	Evaporator 1
Temperature sensor input 3	Air On 3	Air On 2
Temperature sensor input 4	Air on 4	Evaporator 2

Temperature measuring range .... -40°C to +70°C
Alarm setpoint setting range .... -35°C to +10°C
Alarm over temperature setting range .... 0°C to +25°C

	CR110	CR120
Input 1	Defrost input 1	Defrost input 1
Input 2	Defrost input 2	Defrost input 2
Input 3	Defrost input 3	Door closed input 1
Input 4	Defrost input 4	Door closed input 2
Input 5	Plant alarm 1	Plant alarm 1 channel 1
Input 6	Plant alarm 2	Plant alarm 2 channel 1
Input 7	Plant alarm 3	Plant alarm 1 channel 2
Input 8	Plant alarm 4	Plant alarm 2 channel 2

Communications port .... RS485 2 or 4 wire selectable
Communications data rate .... 4800/38400 baud (auto detected)
Communications protocol .... JTL zone protocol

Unit dimensions boxed (L x W x H) .... 247 x 98 x 51 mm
Unit weight boxed 0.95 kg

Power supply (standard) .... 230 V 48-62 Hz
     (optional) .... 110 V

Ordering Information

CR110 .... Complete unit boxed
CR120 .... Complete unit boxed

Power Supply Options:

For 110 V append -110 to order code

CE This unit conforms with the relevant EU standards when fitted in accordance with its installation instructions.

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JTL Systems Limited

Head Office	Newbury	**tel:** 44 (0)1635 263646
Technical Support Centre	Newbury	**tel:** 44 (0)871 3157535
Monitoring Centre	Newbury	**tel:** 44 (0)871 3157531