

ColdLogik Room Management System (RMS)

The ColdLogik Room Management System (RMS) is the complete and reliable solution for management, monitoring and optimisation of data centres.



RMS-I monitor



RMS-II/RMS-III monitor

Technical data

Room Monitoring System variants

Part number	Description	Maximum coolers
CM-XA0-0154-XX	RMS-I small monitor only systems with 4" screen	50
CM-XA0-0183-XX	RMS-II-pc medium system PC type with no screen	90
CM-XA0-0181-XX	RMS-II medium system with wall mount touch screen	90
CM-XA0-0184-XX	RMS-III-pc large system PC type no screen	300
CM-XA0-0182-XX	RMS-III large system with wall mount touch screen	300

Used in conjunction with the ColdLogik Management System (CMS) which has slots for a communication card - RS485 Modbus compliant option - allowing system monitoring via the RMS or the building's BMS. Available in three sizes (varying options) all include a facility to email alarms (via a built in RJ45 port with IP address) and log system information.

The RMS port can be accessed from any PC or tablet with Internet access. It is password protected and allows remote viewing of monitored conditions on the ColdLogik CMS. It can also reset concluded CMS alarms.

RMS-I

This is entry level ColdLogik RMS (right) with built in alarm management, data logging and email. It's compact, weatherproof and efficient with a 4" touch screen display.

It is available in 14 languages and can monitor up to 50 devices (CMS units, chiller etc.), with remote management via Internet or phone line access.

It can display and log any number of the 169 parameters within each CMS unit - the number of units/plant depends on the number of parameters displayed for each, i.e. four per device = 63 units.



RMS-I monitor

ColdLogik Room Management System (RMS) continued

The ColdLogik Room Management System (RMS) is the complete and reliable solution for air management, monitoring and optimisation of data centres.



RMS-I monitor



RMS-II/RMS-III monitor

Technical data

RMS-II and RMS-III

These are the professional level units for monitoring and managing data centre systems, with full optimisation, control and remote access to all devices in the system.

They feature a large (230 x 305mm h x w) colour touch screen. The intuitive interface can be customised for displaying and configuring the system. The medium unit can monitor and display up to 90 devices (ColdLogik units, chiller etc.) on 2 x RS485 Modbus lines - the large unit can monitor and display up to 300 devices.

They can log and display all 169 parameters within each CMS unit. 14 languages are available. User level access allows view only or administrator level - the administrator is able to modify individual or groups of CMS controllers.

- Both these RMS units will monitor and control all the ColdLogik units in the data centre at all stages of their operation:
- Set up - centralised configuration of all the parameters for the units installed
- Daily operation - system interface, data logging, reports, activity scheduling, automatic optimisation of operation
- Maintenance - remote access alarm management with automatic signals and actions
- Site maps (optional) - can be uploaded with status indication on individual cabinets
- Security - managed using sophisticated IT techniques
- Complete tools - for reports and production of documents such as HACCP and system reports



RMS-II/RMS-III monitor

