



The screenshot displays a touch interface with a dark blue background and a light blue gradient at the bottom. At the top right, there are four icons: a refresh symbol, an information symbol, a grid of four squares, and a lock symbol. The main area contains seven large, square buttons with icons and text:

- Alarm & Messages**: A red button with a white warning triangle icon and a small '1' in a square.
- System Overview**: A button with a white icon of a network diagram and a small '2' in a square.
- HACCP**: A button with a white icon of a document with a clock and a small '3' in a square.
- Configuration**: A button with a white icon of two gears and a small '4' in a square.
- Horn**: A red button with a white speaker icon and a small '5' in a square.
- Energy Management**: A button with a white icon of a bar chart with an upward arrow and a small '6' in a square.
- Building Automation**: A button with a white icon of a house with a gear and a small '7' in a square.

At the bottom of the screen, the text reads: **CI 4000**
Supermarket Wiesbaden | 06.12.2013 11:03 | 1.0.0. | 1.0.0.

TOUCH



ECKELMANN



Touch me!

Supermarket refrigeration
at the touch of a screen

Teilnehmer	Position	CAN	Meldung	Prio	
Eckelmann GLT	DDC1	112	44:ML5 Filter	20	
TK Insel 4	DDC1	112	125: Fehlende Abtauung	2	
TK Insel 5	DDC1	112	125: Fehlende Abtauung	2	
Alarm!	Kühlraum Mopro	DDC1	112	52: Rechnerausfall	1
Alarm!	TK-Eisverbund	DDC1	112	99: Rechnerausfall MSB	1
Akt. Alarm!	TK.JNS. 0876	DDC1	112	122: Temp. Iznrd.zu hoch	1
Akt. Alarm	Eckelmann GLT	DDC1	112	78: Kübe-PRO 1 Alarm	1

Mopro2	Pl	Platz	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Esthete1	TK-1	Platz	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Esthete2	TK-1	Platz	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Kühlraum West. Stunt	Platz1	Platz	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
TK-Tube1	TK-1	Platz	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
TK-Tube1	TK-1	Platz	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
TK-Tube1	TK-1	Platz	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

CI 4000

Alarme und Meldungen

Hilfe

Energiesparmanag.

TKT

TKT.de

TKT.de





You want to obtain a quick overview of a refrigeration system?
Or simply access all operating data via the Internet?

Whether for local operation using the control panel or PC remote access via LAN or Internet, the new E*LDS system control centre CI 4000 with intuitive touch screen user interface offers you all the functions required for comfortable system management.

In addition, the building automation can be simply integrated via standardised interfaces, enabling control and monitoring across different sectors.

All E*LDS components can be comfortably parameterised and configured via the CI 4000.

The unit monitors system functions and automates all central tasks:

- ✓ Communication
- ✓ Refrigeration, energy and consumption data capture
- ✓ Archiving
- ✓ Load management
- ✓ Alarm management
- ✓ Error diagnosis

Thanks to the integrated web server the system control centre simultaneously functions as a powerful Internet interface which can be used e.g. for the central remote monitoring or energy management of a number of stores.

Quick to learn

- Intuitive touch operation
- Simple navigation structure

Graphic

- Diagrams and system visualisations
- Concise icons

Energy conscious

- Intelligent load management, individually configurable
- Energy and consumption data capture (SO & M bus)
- Energy management functions

Communicative

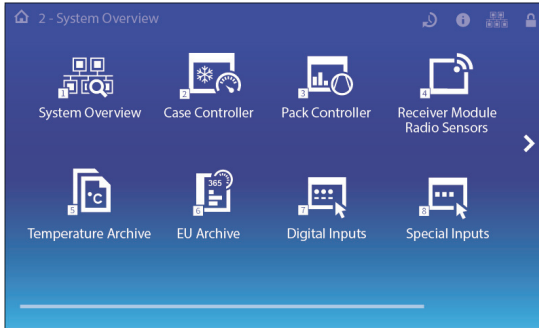
- Remote service via remote desktop connection
- Open XML interface for the integration in Internet services and database applications
- 2 x USB (Host & Slave)
- 2 x CAN bus, 1 x Ethernet / LAN, 4 x RS232 / 485
- Modbus RTU / TCP for the connection of third party systems

Safety conscious

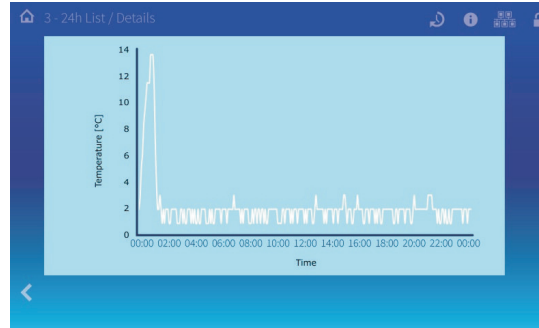
- Intelligent alarm management with messaging via horn, SMS, e-mail, fax ...
- 24 h temperature lists with additional info on defrost events & duration of limit value violations
- User / access rights administration
- Secure data archiving



CI 4000 - Supermarket refrigeration at the touch of a screen



Intuitive touch screen
for operation and configuration



Quick overview:
Temperature chart

Refrigeration Point	Item ID	Index	00	01	02	03	04	05	06	07	08-15	16-23
Backwarentheke	Bachwa	Fühler	22	22	22	20	21	22	22	22		
Mopro 1	P1	Pilot 1	5	5	6	5	5	6	6	6	❄️	
Mopro 2	P4	Pilot 2	5	5	6	5	5	6	6	6	❄️	
Eistheke 1	TK-1	Pilot	-18	-18	-20	-20	-20	-20	-20	-20		
Eistheke 2	TK-2	Pilot 2	-18	-18	-19	-19	-19	-19	-19	-19		
Kühlraum_Wurst	Wurst	Pilot Z1	4	4	4	3	3	2	2	2	❄️	
TK - Truhe 1	TK-1	Pilot	-25	-25	-26	-26	-26	-26	-26	-26		
TK - Truhe 1	TK-1	Pilot	-25	-25	-26	-26	-26	-26	-26	-26		

HACCP report: 24 h temperature lists
with defrost events and temperature alarms

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