



# CONTROL ALWAYS WITH YOU

SMART Enclosure Cooler

Through Ethernet communication You are always in control! With our IOS and Android supported Mobile applications remotely control the parameters of your air conditioner you can manage.



## ETHERNET

Communicate with UludagKlima coolers in your network via Ethernet. Get all parameter information.



## MOBILE APPLICATION

Thanks to IOS and Android applications, all parameters can easily manage with your mobile device.



## NOTIFICATION

Register your phone number or e-mail via the application. You will be alerted immediately in case of any problems.



Scan for Video Technical Explanation

### All Parameters On Your Mobile Phone

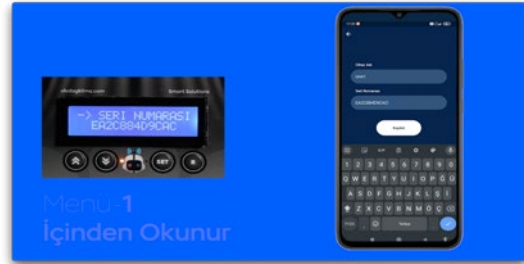
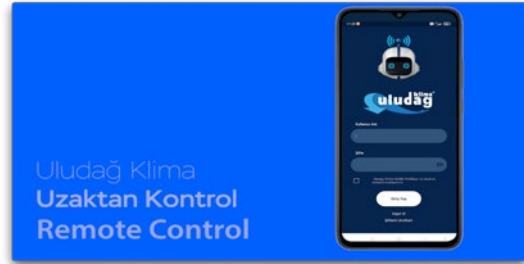
Download the Mobile App  
[ Uludag Klima ]

Create user in the  
application and Login.

Add it to the app by logging in  
with the serial of the cooler that  
is operating in your company.  
Serial Number: Appears in Menu-1

For warning in case of malfunction, click  
on this screen. You can update  
notification settings and you can  
change the SET temperature.

You can see all values on the  
simulation screen. Also you can  
check the past datas.



Enclosure Coolers, have Ethernet and RS-485 outputs for remote control. Thanks to these communication options, all settings of the air conditioner can be read remotely and can be changed. The temperature of the cabinet and other sensor values of the AC are monitored and notification can be obtained if desired.

## Communication Options



### Internet by Ethernet

internet accessed, communication with the application on the mobile phone.

\*Ethernet mode ONLINE.



### Local Network, EXE

internet accessed, communication with the EXE on the PC.



### RS-485, ModBus Rtu



### Ethernet, ModBus TCP

\*Ethernet mode OFFLINE.

Func.Code / Address	Description	Status
4 / 30001	Standard Mode Set Value	R/W
4 / 30002	Screen (LCD) Lock Information	R/W
4 / 30003	System On/Off Information	R/W
4 / 30004	Delta T Hysteresis Value	R/W
4 / 30005	Screen Showing Condenser Sensor	R/W
4 / 30006	Screen Showing Evap Sensor	R/W
4 / 30007	Door Control Status	R/W
4 / 30008	Door Evap Status	R/W
4 / 30009	Sensor Control Status	R/W
4 / 30010	System Working Mode	R/W
4 / 30011	High Temperature Alarm	R/W
4 / 30012	AutoRecovery Reset Status	R/W
4 / 30013	FreeColing Temperature Value	R/W
4 / 30014	System Alarm Status	R/W
4 / 30023	High Temperature Point	R/W
3 / 40001	Internal Temperature Sensor Value	R
3 / 40002	Condenser Sensor Value	R
3 / 40003	Evaporator Sensor Value	R
3 / 40004	Input/Output Status	R
3 / 40005	Device Alarm Status	R
3 / 40006	Outdoor Sensitive Value	R
<b>Alarm Table (40005)</b>		
0. bit	Cabin Sensor Malfunction	R
1. bit	Condenser Sensor Malfunction	R
2. bit	Evaporator Sensor Malfunction	R
3. bit	No Cooling Error	R
4. bit	Condenser High Temperature Error	R
5. bit	Evaporator High Temperature Error	R
6. bit	High Temp.Error inside the panel	R
7. bit		R
8. bit	Door Open Alarm	R
<b>Connection Parameters</b>		
Modbus Id 1, 2, ...255	Change from Menu-2	
Communication Speed 9600,19200,38400,57600,115200	Change from Menu-2	
Stop bit : <b>Stopbit</b>	Parity bit : <b>No Parity</b>	Data Bit : <b>8 Bit</b>
	Baudrate : <b>115200</b>	Slave Id : <b>1</b>

mode: RTU | COM port: 3 | baud: 115200 | data bits: 8 | stop bits: 1 | parity: None

Slave ID: 1 | First Register: 30001 | No. of Regs: 23

function code: 4 | minus offset: 30001 | register size: 16 bit registers

Request: 01 04 00 00 00 17 B0 04

Response: 01 04 2E 00 22 00 00 00 01 00 04 00

copy down	register #	bytes	results
16bit INT	30001	0022	34
16bit INT	30002	0000	0
16bit INT	30003	0001	1
16bit INT	30004	0004	4
16bit INT	30005	0001	1
16bit INT	30006	0001	1
16bit INT	30007	0001	1
16bit INT	30008	0001	1
16bit INT	30009	0001	1
16bit INT	30010	0000	0
16bit INT	30011	0001	1
16bit INT	30012	0001	1
16bit INT	30013	000A	10
16bit INT	30014	0000	0
16bit INT	30015	0000	0
16bit INT	30016	0000	0
16bit INT	30017	0000	0
16bit INT	30018	0000	0
16bit INT	30019	0000	0
16bit INT	30020	0000	0
16bit INT	30021	0000	0
16bit INT	30022	0000	0
16bit INT	30023	0014	20

mode: RTU | COM port: 3 | baud: 115200 | data bits: 8 | stop bits: 1 | parity: None

Slave ID: 1 | First Register: 40001 | No. of Regs: 6

function code: 3 | minus offset: 40001 | register size: 16 bit registers

Request: 01 03 00 00 00 06 C5 C8

Response: 01 03 00 00 00 06 C5 C8

copy down	register #	bytes	results
16bit INT	40001	0017	23
16bit INT	40002	0017	23
16bit INT	40003	0017	23
16bit INT	40004	0004	4
16bit INT	40005	0080	128
16bit INT	40006	0017	23