

# MC 100

## Get started

### ■ IP address configuration

MC 100 default IP address written below :

<b>IP address</b>	169.254.100.100
<b>Default port</b>	9000
<b>Default gateway</b>	169.254.100.1

MC100 module becomes part of the network once its IP address is recognized by the network itself. If not, MC100 IP address must be corrected by using a serial RS-232 interface or by using a terminal program (Ex : Hyperterminal).

Follow instructions below in order to configure IP address by using a terminal program.

1. Connect the serial RS-232 interface to a terminal program with settings:

<b>Data rate</b>	9600 bits/s
<b>Data bits</b>	8
<b>Stop bits</b>	1
<b>Parity</b>	None
<b>Flow control</b>	None

2. Remove MC100 lid to reach S1 switch.  
Setting DIP S1:1 to "On" and power **MC100** on  
The message below will appear :

```
'EDW-100 IP Configuration'

Firmware : 4100-9002

- Current IP configuration -
Local IP address : 169.254.100.100
Gateway address : 169.254.100.1
Subnet Mask address : 255.255.255.0

Press <Return> to select the value shown
in braces, or enter a new value.

Local IP address [169.254.100.100]?
```



Supplied with charger



3. Once connected to the terminal program you can change IP address, gateway address and subnet mask.
4. Set DIP S1:1 to 'Off' and power cycle MC100
5. The unit is now ready for a complete configuration by Web tool.

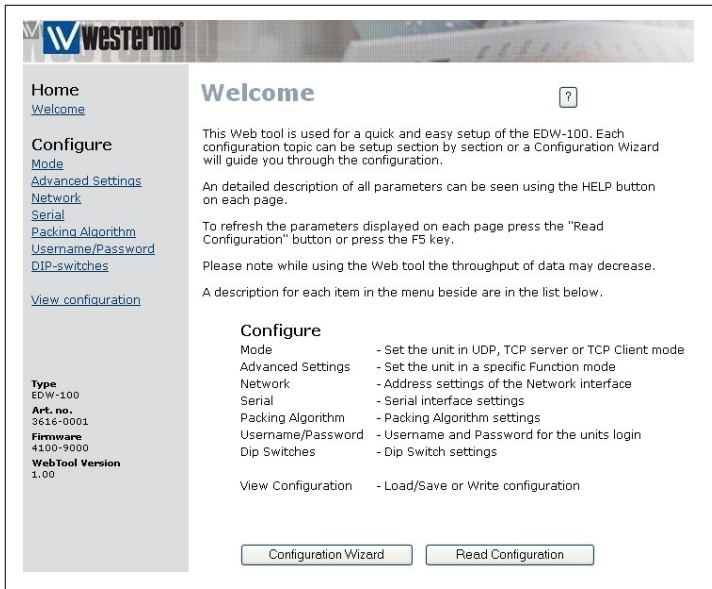
### ■ Configuration by web tool

1. Using a standard web browser, enter MC100 IP address inside URL address bar.
2. Connect and login to MC100 using the following details :

<b>Default user name</b>	edw100
<b>Default password</b>	edw100

If the login and password are correct, the welcome page will appear (See page 2).

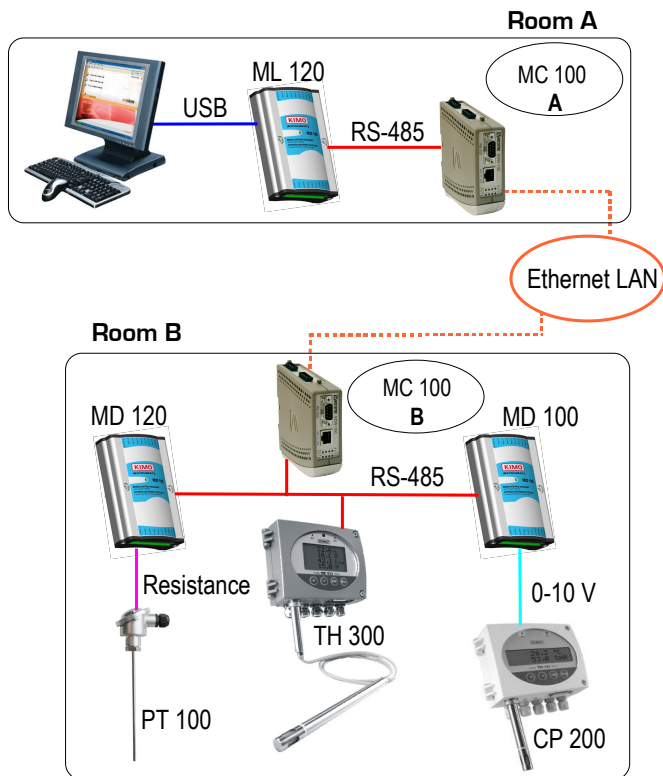
• Welcome page



In a point-to-point application, MC100 replaces or extends a cable link.  
Distance between MC100 units is only limited by the size of the LAN.

3. Configuration of modules according to 2 applications :
- Point-to-point application
  - One to many application

• Point to point application



• Point to point application

Details of MC100 A and B configuration :

**Mode**  
Application mode : UDP

**Advanced settings**  
Function mode : None

**Network**  
Local IP address :  
A : 169.254.100.100:9000  
B : 169.254.100.101:9000

Subnet Marsk : 255.255.255.0  
Default gateway : 169.254.100.1  
Remote IP address :  
A : 169.254.100.101:9000  
B : 169.254.100.100:9000

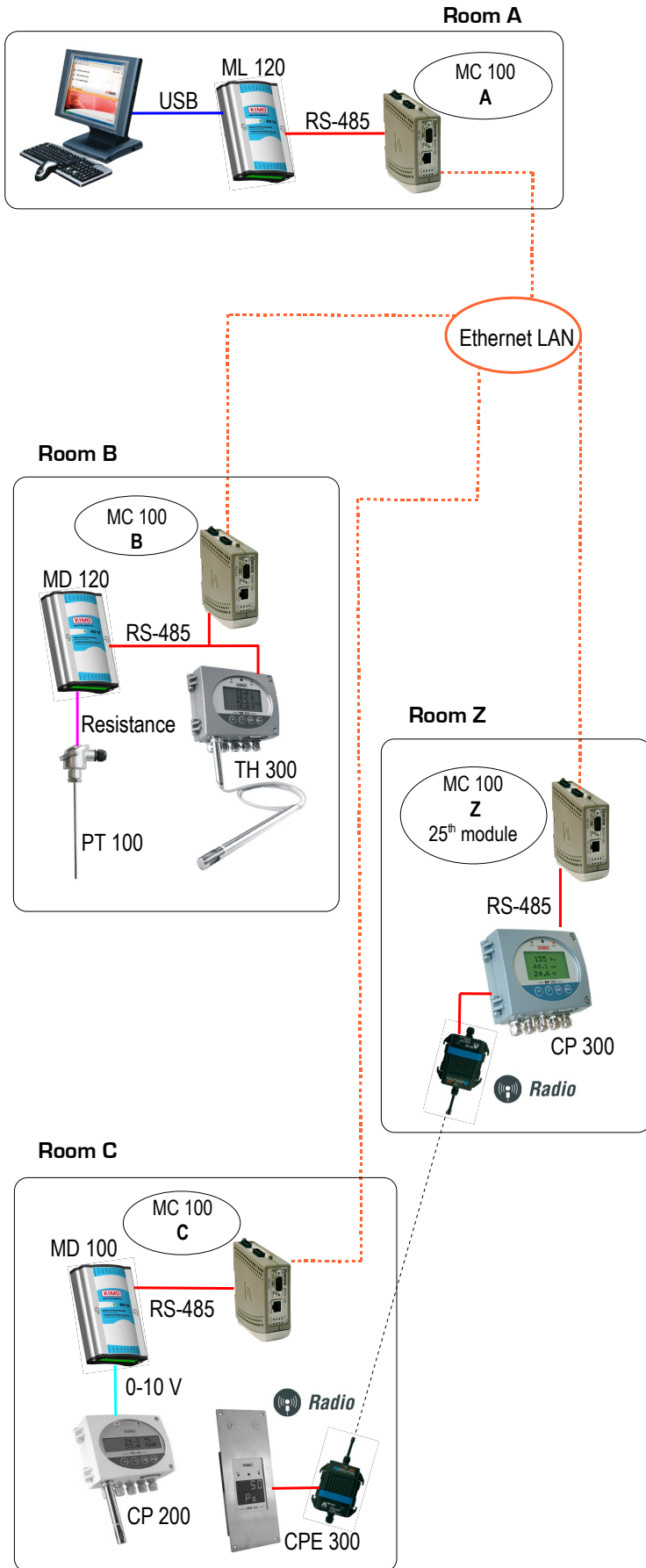
Second remote IP : 0.0.0.0:9000  
Remote IP list :  
Multicast address : 0.0.0.0

**Serial**  
Interface : 422/485 2 fils  
DataRate : sélectionner la vitesse souhaitée  
Databits : 8 bits  
Parity : Non  
Stopbits : 1 bit  
Flowcontrol : None

To achieve configuration, click on :

- The menu "View configuration",
- and on "Program Unit" button

• One to many configuration



**Mode**

Application mode : UDP

**Advanced settings**

Function mode : None

**Network**

Local IP address :

A : 169.254.100.100:9000

B : 169.254.100.101:9000

C : 169.254.100.102:9000

Z : 169.254.100.125:9000

Subnet Mask : 255.255.255.0

Default gateway : 169.254.100.1

Remote IP address :

A : **255.255.255.255**:9000

B : 169.254.100.100:9000

C : 169.254.100.100:9000

Z : 169.254.100.100:9000

Second remote IP : 0.0.0.0:9000

Remote IP list :

Multicast address : 0.0.0.0

**Serial**

Interface : 422/485 2 fils

DataRate : sélectionner la vitesse souhaitée

Databits : 8 bits

Parity : None

Stopbit : 1 bit

Flowcontrol : None

To achieve the configuration, click on :

- The menu "View configuration",
- and on "Program Unit" button

■ **Technical features**

**Power supply**.....from 18 to 48V

**Consumption**.....250 mA

**[www.kimo.fr](http://www.kimo.fr)**

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