

Perimeter protection system  
**Wire Fence Vibration Detector**



# **AN-307COM**

*with K-307IP*

*Quick manual*

*v1.5.1  
February 2015*

## Software installation

Software installation is very easy and simple by running the .exe file on the CD/DVD. Follow the installation process by clicking the <Next>, <I agree>, <Next> and <Install> buttons.

When running the software for the first time just confirm to install default parameters by clicking the button <Default (recommended)>.

The execution file is Guard.exe in the installed folder.

## Loggin in

The latest version login parameters are:

Username: **superuser**

Password: **abc**

## Basic First Settings

### The AN-307 software main menu

#### Configure » Preferences

Connecting Device:	- K-307	for RS-485 to RS-232 connection
	- UDS1100/K-307IP	for RS-485 to IP connection
Comm port:	- Select the proper com port (COM1)	if K-307 is used
UDS port:	- Enter the IP port (default: 8007)	if IP option is used (UDS1100/K-307IP)

#### Configure » Configure Devices

Address:	Unique Address Number for each channel	for RS-485 to RS-232
Fence_1 Name:	The name for Channel/Zone	in all cases
Fence_2 Name:	The name for Channel/Zone	in all cases
IP:	IP number of K-307IP	if IP option is used (UDS1100/K-307IP)

**Please note: Use LAN (cable) network only with dedicated IP and disconnect wireless connection if ON**

### The K-307IP converter software

**Please note:** the UDS unit is upgraded with the defaults parameters by developers, all you need to change are if necessary: IP address<sup>1</sup> of the converter and Remote Host IP<sup>2</sup> (described below).

IP address <sup>1</sup> :	<b>192.168.0.123</b>
User name:	none
Password	none
Click OK Button	

#### Network » IP configuration

IP address:	Change IP address according to your LAN settings for example: if your IP gateway is like 192.168. <u>1</u> .1 you should change it to 192.168. <u>1</u> .x, but not 192.168.1.1, it can be from <u>1</u> .2 to <u>1</u> .255
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
Click OK Button	

Network » Ethernet Configuration

Auto negotiate checked  
Click OK Button

Channel 1 » Serial Settings

Disable Serial Port unchecked  
Click OK Button

Channel 1 » Serial Settings » Port Settings

Protocol: RS-485 - 2 wire  
Flow control: None  
Boud Rate: 4800  
Data Bits: 8  
Parity: None  
Stop Bits: 2  
Click OK Button

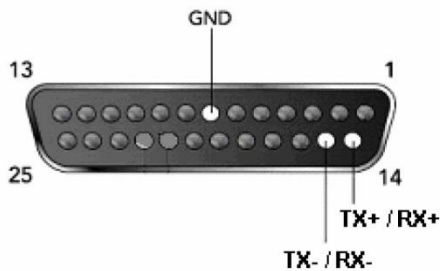
Channel 1 » Connection

Protocol: UDP  
Datagram Mode: 01  
EndPoint Configuration: - Local Port: **8007**  
- Remote Port: **8007**  
- Remote Host<sup>2</sup>: 192.168.xxx.xxx  
**192.168.0.121 (Default)**  
Static IP of the computer where AN-307 software is installed (check your Network settings)  
Device Address Table: - all fields blank  
Click OK Button

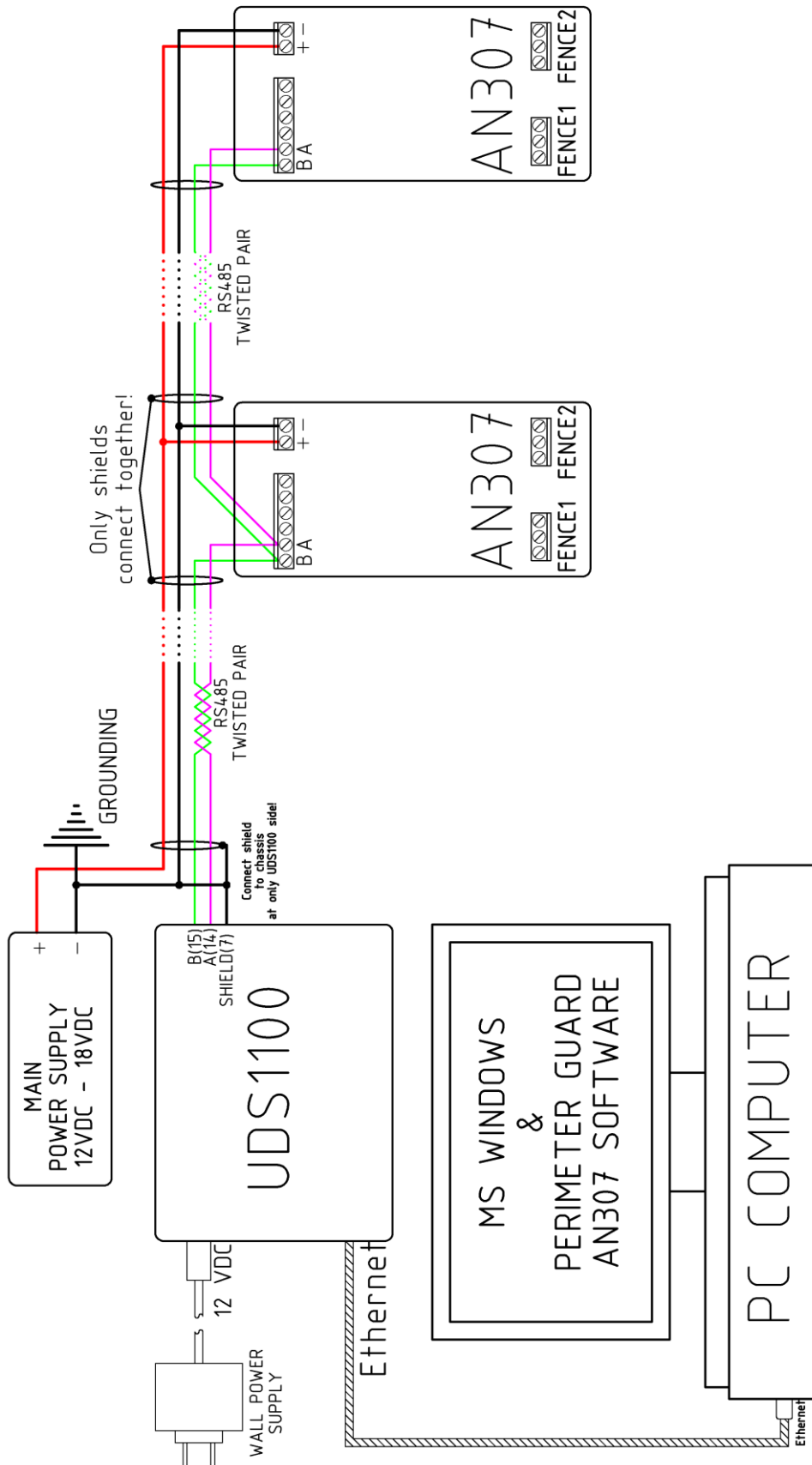
**At the end click <Apply Settings> to reboot the K-307 converter.**

**RS-485 – 2 wire diagram**

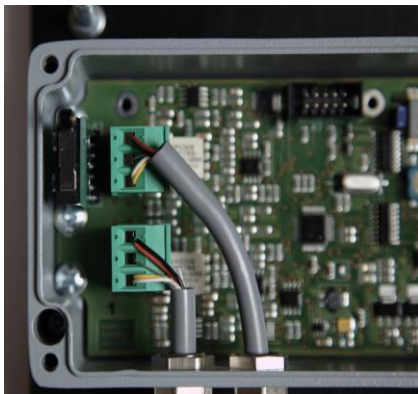
Please follow the diagram to get two (2) wires for RS-485:



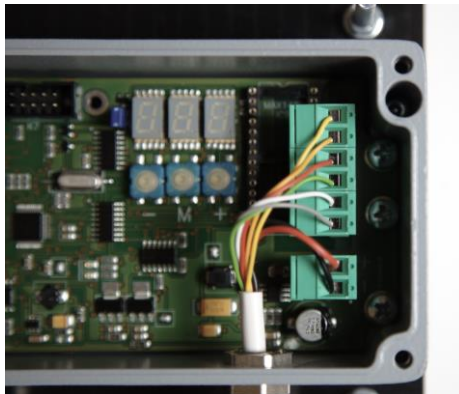
AN-307COM with K-307 diagram



**AN-307COM cabling (the main and the end unit)**



SK – special sensor cable



Power Supply and RS-485



End Unit

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