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[First](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[«](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=5&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[3](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=3&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[4](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=4&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[5](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=5&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)6[7»Last](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=7&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)

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| --- | --- | --- |
| Revive and install a defective Stiebel Eltron WPF 7 with the heat pump manager WPM II | | |
| Author: [**ux022**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=88935&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 02/07/2014 21:51:04  0  2092998 |  |
| Hello everyone, thanks to Lötbar I can now read out the data from my Tecalor (kudos to you again at this point!).  Does anyone have any experience with whether, for example, an RS232-to-Ethernet adapter (which is possible) can be used via the Raspberry Pi to start the Comsoft and thus reach the WP via the network? From what I've found so far, there's not much that can be set in Comsoft when it comes to communication...  I'm grateful for your answers ;-) best regards! | |  |
| Author: [**Mastermind1**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=34702&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 07/03/2014 11:32:53  0  2093153 |  |
| @Marc2012....  now a really stupid question.... I bought this overpriced opto/serial coupler for my WPL13 with WPMII. + the appropriate software downloaded from Kromschröder....  The software is not suitable for automated control... It's more of a [maintenance](https://www-haustechnikdialog-de.translate.goog/SHKwissen/266/Wartung?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) tool.  Is there already a “own” post regarding the commands?  I'm currently using IP-Symcon as home automation software and I could connect/listen/set values ​​to a serial gateway there...  The parameters used in communication would of course be great...  It shouldn't make any difference whether should you use the original cable or the one from Lötfan? Or have I missed something...? | |  |
| Author: [**molly78**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=51244&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: July 3, 2014 11:35:00  0  2093154 |  |
| @Mastermind  take a look at page 5 where you can already see the first successes. [http://www.haustechnikdialog.de/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einmachen?page=5](https://translate.google.com/website?sl=de&tl=en&hl=en&client=webapp&u=http://www.haustechnikdialog.de/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page%3D5) | |  |
| Author: [**Solderable**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=84791&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 07/04/2014 10:02:19  0  2093409 |  |
| @marc: Have you already started a new thread? Couldn't find one... Would be good if you could post the link ;)  Re: the Raspberry's: This is possible with Ubuntu and a Serial to TCP program. http://blog.philippklaus.de/2011/08/make-rs232-serial-devices-accessible-via-ethernet/ | |  |
| Author: [**Solderable**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=84791&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 07/06/2014 3:52:11 p.m  0  2094016 |  |
| So, I just found the thread by chance, please collect all protocol codes in this thread: [**http://www.haustechnikdialog.de/Forum/t/168379/Stiebel-Eltron-WPF-per-Konsole-auslesen-und-Parameter- change**](https://translate.google.com/website?sl=de&tl=en&hl=en&client=webapp&u=http://www.haustechnikdialog.de/Forum/t/168379/Stiebel-Eltron-WPF-per-Konsole-auslesen-und-Parameter-aendern)  the following keywords for Google so that our results can also be found: WPMI WPMII read RS-232 RS232 optical cable IR Stiebel Eltron Kromschröder ComfortSoft WPF WPL13 Wolf E8.5064 Comfort Controls remote control adapter Elfatherm heat pump manager WPM1 WPM2 E8 E6 Elster heat pump PC WPL10 Tecalor Merlin LuCon GmbH TTL control data cable WPM  **Please send me a PM if you have any inquiries about an adapter!** | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 07/10/2014 09:12:27  1  2095320 |  |
| Hello everyone  The DLL "Communicationsdeclarations.dll" contains the entire assignment table of the two values ​​that stand after "... 00 fa":  1 error message 00 01 2 boiler -folding temp 00 02 3 storage stem 00 03 4 lead solder temp\_i 00 05 6 room setemp\_ii 00 06 7 ROOM SET TEMP\_III 00 07 8 ROOM SET TEMP\_NIGHT 00 08 9 TIME 00 09 10 DATE 11 DEVICE\_ID 00 0a 12 OUTDOOR TEMP 00 0b 13 BOILER IST TEMP 00 0c 14 COLLECTOR ACTUAL TEMP 00 0d 15 STORAGE TEMP MP 00 0e 16 ACTUAL FLOW TEMP 00 0f 17 DEVICE CONFIGURATION 00 10 18 ACTUAL ROOM TEMP 00 11 19 ADJUSTED\_ROOM SET TEMP 00 12 20 ADJUST\_STORAGE SET TEMP 00 13 21 EVAPORATOR TEMP 00 14 22 COLLECTOR SET TEMP 00 15 23 RETURN ACTUAL TEMP 00 16 24 STORAGE\_LOWER\_TEMP 00 17 25 SOLAR ZONE TEMP 00 18 26 STORAGE\_UP\_TEMP 00 19 27 CUSTOMER ID 00 1a 28 COLLECTOR TEMP 00 1b 29 SOLID BOILER TEMP 00 1c 30 WATER PRESSURE 00 1f 31 MIN\_TEMP\_BOILER 00 20 32 APPROACH TEMP 00 21 33 HYSTERESIS TIME 00 22 34 MAX\_HYSTERESIS 00 23 35 PPL 00 24 36 MEMORY LOCK 00 25 37 LOCK TIME 00 26  As in the area of ​​"DATE", it shifts by one line at a time. However, I don't know exactly where the shifts are. If you would like the entire table with the 3500 assignments, please tell me where I can put it.  Greetings Jürg | |  |
| Author: [**Solderable**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=84791&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 07/10/2014 6:23:09 p.m  0  2095465 |  |
| You could upload it to http://pastebin.com and then share the link. Would be nice! | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 07/11/2014 06:30:14  1  2095588 |  |
| Hello Lötbar,  thanks for your tip. The link to the “ElsterTable” is  http://pastebin.com/kp4Wjscg  Greetings Jürg | |  |
| Author: [**Accurate001**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=87825&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: July 31, 2014 3:09:26 p.m  0  2102215 |  |
| Quote from **Marc2012** [View post](https://www-haustechnikdialog-de.translate.goog/Forum/p/2087971?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)  Hey Accurat,  a nice solution too. I didn't trust the WP's internal hardware, so I quickly discarded everything in that direction.  What kind of home electricity meter do you have? You could optimize the whole thing even further. If 3000 watts from the[...]  Oops, I haven't been here for a long time and a lot has happened. Should change that in the forum settings. I have installed an Itron ACE bidirectional meter. Feed-in and consumption are evaluated via the D0 reading head and evaluated via solarview. solarview also makes the data available via interfaces under fhem, which means the data can be further processed there. No intervention in the hardware is necessary. The sensor cables, there are 2 bell wires and nothing more, are connected to the top bar of the WPM, low voltage area. Replacing a hard drive in a desktop PC is more difficult. One end of the cable is extended and led to the FS20 AS2 or AS4 relay, an ohmic resistor is connected, i.e. connected in series. The resistance value of the sensor and the small ohmic resistance corresponds to 52.5 degrees [water](https://www-haustechnikdialog-de.translate.goog/SHKwissen/3204/Wasser?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) temperature in the storage tank. Without resistance 42.5 degrees. In the WPM II, the water temperature is manually set to 52.5 degrees during the day and 42.5 degrees at night. Now comes the kicker. Case I: The light diode of the relay is on, the resistor is connected, the [temperature](https://www-haustechnikdialog-de.translate.goog/SHKwissen/1351/Temperatur?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) display in the WPM is the actual temperature +10 degrees more, the PV system reaches the threshold value of 3000 watts. Now fhem switches off the relay, WPM notices that the 10 degrees are now missing and starts heating via the PV system until the preset 52.5 degrees is reached. Case II like I, however, cloud fields that push PV below 3000 watts, e.g. rain clouds. In this case, the relay switches via Fhem because the PV output is below 3000 watts. The WPM now registered the current temperature again +10 degrees more. E.g. WP ran for 30 minutes, water heated by 5 degrees then displayed or registered temperature 42.5+5+10 = 57.5 degrees. Case III clouds gone, it starts again with I Case IV all day only bad weather The WP runs no differently than usual, even if the temperature falls below 42.5 degrees (+10 = 52 degrees) the heating is normal until it is around 10 Virtually increased threshold value is reached. The advantage is that the HP is relatively constant and does not require cycles. The storage tanks are heated to +10 degrees more than necessary and can then prevent unfavorable times or the cycling of the HP. If necessary, I can put together a photo series with integrated drawings including material that is needed and share it here. - Raspberry PI B - Cul Stick via fhem - solarview by Manfred Richter - do read head (reads the bi-directional counter finely) - s0 (3-phase counter from b+g) which is only responsible for the HP and logs the current values ​​on solarview - Conrad or elv or Ebay fs20 AS4 switching relay (4-fold , with this I also trigger the utility lock) - Ohmic resistance  Kind regards , Peter Arndt | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 08/03/2014 12:20:31  0  2102878 |  |
| @ux022  I encountered problems when trying to operate the ComfortSoft via CAN bus. The software structure I use looks like this:  ComfortSoft (Windows) <--> com0com (Windows / Open Source) <--> ElsterClient (Windows / self-made) <== ethernet ==> ElsterServer (raspi / self-made)  The first big hurdle is the initialization of ComfortSoft. This problem can only be solved with a recording of the serial interface. The only recording I found is at:  http://www.ip-symcon.de/forum/threads/15888-Wolf-CSZ-mit-ISM1  I tried to set up a simulation with the data from the recording (ElsterClient using a simulator replaced). This works so far, but unfortunately the simulation is not for my WPL33!  I don't have an optical interface myself. Therefore, a request to everyone: If anyone has the opportunity to record the initialization sequence, please publish it here. A recording from a CoCo PC would probably be even better, as all data is queried there via the CAN bus.  Greetings Jürg | |  |
| Author: [**ux022**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=88935&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 08/13/2014 8:39:09 p.m  0  2105738 |  |
| Operating Comsoft over the network:  For everyone who wants to access their WP (in my case Tecalor) over the network, I can say the following: I have supplied a Raspberry with the "virtualhere" software - the Windows client is now running The USB device connected to the Raspberry (there is a USB-2-serial adapter there and the optical cable from Solderbar is attached to it) is made available as a port.  So I can now supply Comsoft with data via the network - unfortunately it's not that fast,...  best regards and good luck... | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 08/20/2014 10:51:23  0  2107664 |  |
| I tried to summarize and supplement the various contributions (from [Haustechnik dialog.de and others).](https://www-haustechnikdialog-de.translate.goog/SHKwissen/2292/Haustechnik?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)A few C++ programs were created:  - can\_logger: a data logger that stores the can telegrams either in a file or a remote MySql database  - can\_scan: can-Bus Elster index scanner and test tool. The scanner lists all values ​​for a can bus ID (based on the Elster table). Individual values ​​can be read or changed using the test tool. Please be careful when changing values. I first tried simple values ​​like time and date.  - can\_vz: logs measured values ​​via HTTP protocol in a census MySql database or writes measured values ​​to any MySql database.  There are more programs, but they still need to be fully developed. This particularly applies to the possibility of operating ComfortSoft via can bus (see my article above). I still need recordings for this. It would also be enough for me if someone could lend me a CoCo PC (or an optical adapter).  I plan to publish the further developments on www.juerg5524.ch. This will probably take a few weeks. Until then, you can download the zip file with the programs mentioned:  juerg5524.ch/data/can\_progs.zip  Have fun and greetings Jürg | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 09/10/2014 12:07:08  0  2115220 |  |
| The first step has been completed: The ComfortSoft works via CAN-BUS (Raspberry Pi)! The programs can be found at  juerg5524.ch/data/can\_progs.zip . Structure of the program chain: ComfortSoft (Windows) <--> com0com (Windows / Open Source) <--> CS\_Bruecke.exe (Windows / self-made in Delphi 6) <== ethernet ==> can\_server (raspi / self-made in C++) parameters -Changes cannot yet be made using ComfortSoft. That will be my next step. Greetings Jürg NB: I have a WPM2 with the ID 7077. The ID is determined by “can\_server”. It corresponds to the query ./can\_scan can0 680 301.000b The identifier should be checked before using "can\_server". | |  |
| Author: [**jwka**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=90728&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 09/30/2014 6:32:14 p.m  0  2122630 |  |
| Hello,  I also have a Stiebel WP (WPL23E) and the WPMII and would like to use this in my home [automation](https://www-haustechnikdialog-de.translate.goog/SHKwissen/2143/Hausautomation?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) or control it from there.  ISG is out of the question for me because it seems like a real hassle and the firmware has to be updated by replacing the WPM - what nonsense, that's pre-war technology... every cheap Chinese part can now be updated with the new firmware via USB play up. Plus, I live abroad, so it doesn't matter.  Maybe I can contribute something to finding a solution. I do a lot of programming myself and am an electronics engineer (my own circuit boards, etc.). In addition, I have a few files (XLS and DOC) that show the telegram structure, but that of RS232 communication.  I can't post it publicly, I had to promise that, but I can certainly give it to "the team" so that we can finally come to a solution that may be useful for many others.  @Lötbar: Would it be conceivable to redesign your board so that it talks to a computer via IP? It shouldn't be that difficult and all the hardware problems would be eliminated. Together with Power over IP (100MBIT is certainly enough for Comm), the connection would then be “easily” possible with little effort.  If there is a solution, I intend to make the code available as open source as part of a larger PHP library, which I also plan to release soon.  I'll check back here often in the next few days.  Best regards | |  |
| Author: [**Solderable**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=84791&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/14/2014 12:00:12  0  2128206 |  |
| Hm strange, even though I'm watching the thread, I don't get any emails about new entries... -.-  It might be possible for me to run the interface over IP (Arduino, ARM, etc.). That would be the easiest way, but all settings would then be accessible via a website on the LAN. I don't know if you can loop through the entire port. For the latter, there are also adapters that ultimately work in the same way as the Fritzbox. This means you plug the readout adapter into the FritzBox via USB and it then passes the connection on to the computer in the LAN, which then has a 'virtual' RS-232 connection.  How exactly do you imagine that?  Greetings, Solderbar | |  |
| Author: [**jwka**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=90728&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/25/2014 09:08:18  0  2133203 |  |
| I don't know exactly how you built your board, but it looks like a "pure level converter" - I can only see 2 transistors and a few diodes. I don't assume that there is anything major in the sensor (I'm also an electronics engineer, maybe we can short-circuit - jwege at gmx point net).  But you could also replicate this function with an Atmel or RasPi (possibly including your circuit in order to have a clean level) and then if you had the RS232 values ​​there, you could pack them into a TCP or, even better, UDP packet, with a checksum For example, provide the last 10 values ​​and "broadcast" them into the network or send them to an IP address.  I'm assuming that the IR diode you're using with the "long" cable on it is the most expensive component, so you could say that you could do that with, for example, a NetIO from Pollin for 30 EUR (or a RasPi for the same money) without any major problems?  Many greetings from Southern Europe | |  |
| Author: [**jwka**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=90728&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/25/2014 09:57:18  0  2133222 |  |
| Unfortunately I don't know how to edit entries here.  Addition: There is an open source project for the RasPi that probably already does a good part of the work... http://sourceforge.net/projects/ser2net/ | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/25/2014 11:16:12  0  2133254 |  |
| Hello jwka  What exactly do you want? Apparently you have an optical adapter. I looked at Pollin's NetIO. It fulfills your wishes: It has an RS232 and an Ethernet interface. Have you reached your goal?  Or do you want to “go into series”? Then it would be easier if you chose the CAN interface to the Raspi. I have been using ComfortSoft via CAN bus for some time. I can also easily change parameters.  Greetings Jürg  PS: The CAN bus connection is more universal than the optical interface. With the SocketCAN, several programs can be connected to the CAN bus at the same time. For example, I have a logger for census data running (can\_vz). At the same time, I can use ComfortSoft (can\_server) or query values ​​via a cgi program (can\_cgi together with cgi\_template.html). | |  |
| Author: [**Solderable**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=84791&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/26/2014 6:48:58 p.m  0  2134118 |  |
| I don't really understand what the problem is either. The Raspi can Ser2Net - then that's exactly that... | |  |
| Author: [**Mastermind1**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=34702&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/26/2014 9:51:07 p.m  0  2134233 |  |
| I'm currently putting together the hardware...  Rapsberry pi or banana pi canbus pi interface WLAN stick  To connect the can interface...  Is that connected to the wpmII at x11 11-13 like the additional remote control FEK?  The rapsberry is supposed to bring my Stiebel WP + Viesmann ventilation system into the network. | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/27/2014 11:35:53  0  2134425 |  |
| Hello mastermind  Raspberry Pi - PICAN - WLAN stick: This is a perfect hardware combination. This gives you flexibility and galvanic isolation. The hardware is inexpensive at around €100. Ok, it still needs a case, a power supply and cables. This adds another around €30.  The PICAN is not connected instead of the remote control, but rather on the CAN bus ("BUS low", "BUS high" and "GROUND").  On my WPMS 2 this is the connector ! In any case, for me it took a lot of time, but I also learned a lot.  Greetings Jürg | |  |
| Author: [**Mastermind1**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=34702&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/27/2014 12:04:10  0  2134447 |  |
| Super thank you. Connection in addition to the existing FEK remote control. I'll get it.  Then I have to do a little shopping :-)  PiCAN fits perfectly... then I use the PI's serial interface. And later the USB port for Opentherm for my ventilation. Perfect.  Linux knowledge has been dormant since Suse 9/10... but somehow fundamentally present... after an HP Unix Fundamentals course from back then ;-) | |  |
| Author: [**Mastermind1**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=34702&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/27/2014 1:20:21 p.m  0  2134494 |  |
| After a little [internet](https://www-haustechnikdialog-de.translate.goog/SHKwissen/2551/Internet?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) search for a PI CAN bus bus connection...  Addendum to PiCAN:  There are two manufacturers that sell a product called "PiCAN" with slight differences...  SK Pang Electronics (UK) PiCAN and Beyond Kinetics ( US) PiCAN  I think that the PiCAN module from SK Pang Electronics is used.  But I think I'll first try it with the "apparently" almost identical "GNUBLIN Module CAN". Price is good (20€). Delivery from Germany and short instructions for installation are also included... You only have to solder the connector strips/sockets yourself... but that's no effort.  http://shop.embedded-projects.net/embedded-projects-gmbh/gnublin-module-can-3.3v-transceiver.html  The same chipsets are probably used (MCP2515 + 2551).  You connect the part to the PI using a serial cable. And the CAN BUS also with a serial cable... | |  |
| Author: [**Juerg5524**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=89161&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/27/2014 2:07:28 p.m  0  2134522 |  |
| Hello Mastermind  The CAN module from Gublin really impresses with its price! The MCP2551 is not used in this module, but an SN65HVD230. But that shouldn't matter (it's just a bus driver that apparently works at 3.3V). I discovered another cheap "PICAN":  http://www.industrialberry.com/canberry-v-1-1/  The Canberry is identical to the PICAN and only costs €19.  Have fun crafting and greetings Jürg | |  |
| Author: [**jwka**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=90728&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/28/2014 3:56:59 p.m  0  2135259 |  |
| @Jürg, Lötbar:  Well, I don't have anything yet. Neither an optical cable nor the ISG and on the one hand I'm looking for a solution with which you can do "everything", i.e. read AND control (at least the "non-critical" values).  My question about NetIO & Co was that it (maybe) wouldn't take that much effort to further develop Lötbar's solution so that nothing would be necessary apart from the module itself.  As far as the CAN bus connection is concerned, it should be said that the ISG, for example, needs an update of the WPM firmware to a specific version. Firstly, this update is associated with additional costs (in Germany in the order of 200-300 EUR, abroad Stiebel ONLY offers a new purchase of the WPM) and secondly, the WPM must be removed and sent to Stiebel (you will then receive a different one in exchange). Device... well, I don't really know either...)  The update doesn't seem to be necessary for the IR connection.  I would now like to understand WHAT exactly Lötbar's circuit does and where he got the know-how (that it does together with the Stiebel WP). If this understanding is there, I would consider creating a connection DIRECTLY (and without any other interface in between) via NetIO or RasPi, for example. It should be theoretically possible.  In my opinion, the solution via optical interface has a few advantages over CAN-BUS, such as galvanic isolation, no intervention in external electronics, etc. | |  |

[First](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[«](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=5&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[3](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=3&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[4](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=4&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)[5](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=5&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)6[7»Last](https://www-haustechnikdialog-de.translate.goog/Forum/t/98046/Defekte-Stiebel-Eltron-WPF-7-mit-Waermepumpenmanager-WPM-II-wiederbeleben-und-einbauen?page=7&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp)

|  |  |  |
| --- | --- | --- |
| Revive and install a defective Stiebel Eltron WPF 7 with the heat pump manager WPM II | | |
| Author: [**jwka**](https://www-haustechnikdialog-de.translate.goog/UserProfile.aspx?userId=90728&_x_tr_sl=de&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=wapp) | Time: 10/28/2014 3:56:59 p.m  0  2135259 |  |
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