

INDICATOR 3200
REMOTE DISPLAY PROTOCOL



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The indicator 3200 offers the possibility to communicate unidirectional with a remote display. The standard issue remote display is the EP-SECONDDISPLAY-RED-57.

The remote display protocol can also be used to send a continuous data stream to a PC or to other host devices. This can also be done wirelessly. Note: sending data continuously by WiFi may cause WiFi-routers to be occupied, slowing down other transmissions.

Setting up the remote display feature

The remote display protocol needs to be activated in the supervisor menu. See the user manual for entering the supervisor mode. Select the proper port [BLE for Bluetooth, RS232 for wired and COM3 for WiFi] and select the remote protocol for this port [rEm]. Press the ENTER (>0< - key) for validating the new setting. The display will show [Set]. Return to the weigh mode by pressing the CE (on/off key) twice.

In remote display mode a data string is sent out continuously to a remote display, PC or other host device. Whatever mode is indicated on the indicator will also be sent out over the comport. In 'Gross' mode the string will contain the gross weight, in 'Net' mode the string will contain the net weight.

Data string:

1	2	3	4	5	6	7	8
+/-	0	0	0	0	0	.	<CR>
Sign	1 st digit	2 nd digit	3 rd digit	4 th digit	5 th digit	Decimal point position depending on range	End of string

NOTE: In case of error messages the indicator sends out the minus sign (= ascii value 45) and a <CR>.

Examples:

1	2	3	4	5	6	7	8	Condition on display indicator
+	0	0	2	5	.	0	CR	Weight of 25.0 kg/lb* in display
-	0	1	3	0	.	5	CR	Weight of -130.5 kg/lb in display
+	0	0	0	0	.	0	CR	Weight of 0.0 kg/lb in display
-	-	-	-	-	-	-	CR	Error message displayed e.g. HELP1
+	0	1	2	5	0	.	CR	Weight of 1250.kg/lb in display
+		v	1	.	0	1	CR	Powering on indicator
-			-	o	F	F	CR	Powering off indicator

*: Units are selected in the parameter settings. Value in remote display is without the unit sign.