

All-In-One (AIO) system components

Aeration control solutions

The perhaps most important components in the AIO family are those for automatic aeration control. These components and the iGRAIN Dashboard Management software (based on AI technology) enables the user to move directly towards his:

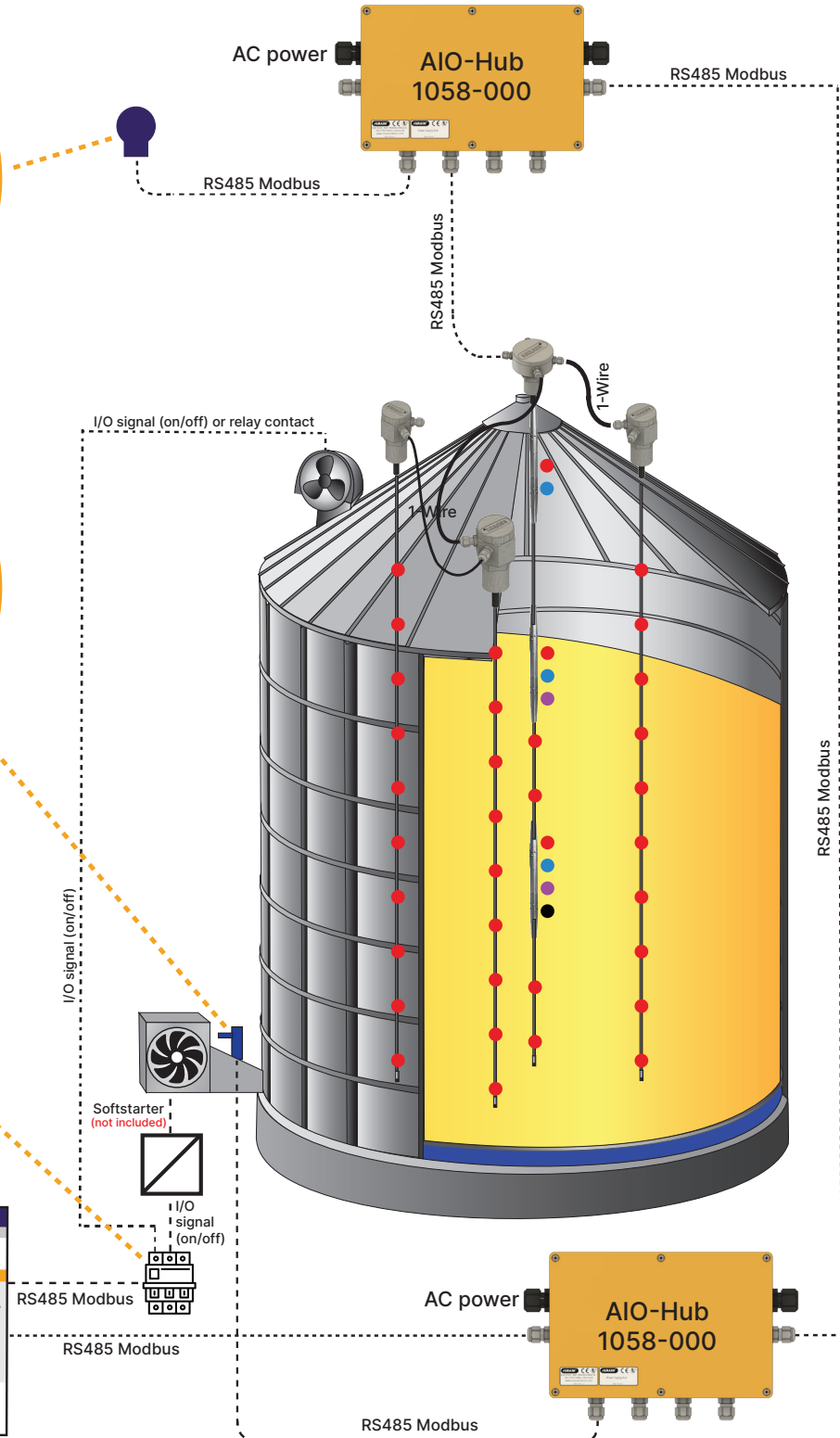
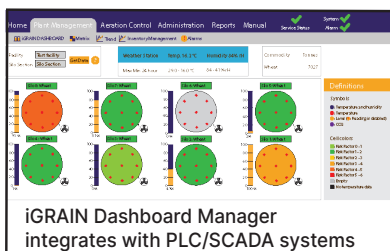
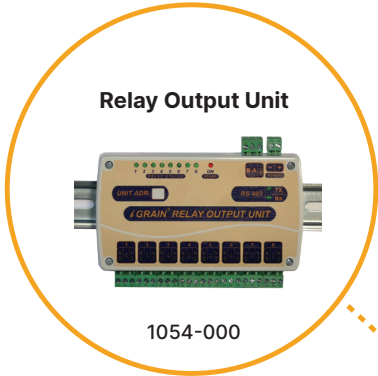
- Target grain moisture, for example 13,5%
- Target grain temperature, for example 8°C

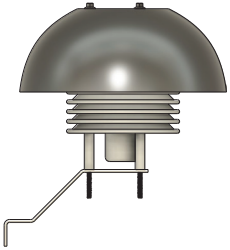

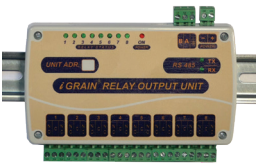




Air flow control



Fan start/stop control



Item no.	Aeration control components	
<p data-bbox="86 152 229 185">1041-002</p> 	<p data-bbox="357 152 959 185">iGRAIN Weather station PRO for AIO system</p> <p data-bbox="357 219 954 253">Meassure range temperature: $\pm 20^{\circ}\text{C}$ to $+80^{\circ}\text{C}$</p> <p data-bbox="357 253 620 286">Accuracy: $\pm 0.2^{\circ}\text{C}$</p> <p data-bbox="357 286 884 320">Meassure range moisture: 5% - 99,9% rH</p> <p data-bbox="357 320 644 353">Accuracy: $\pm 1.5\%$ rH</p> <p data-bbox="357 353 943 387">Communicaton: Modbus, RS 485 via AIO-Hub</p> <p data-bbox="357 387 724 421">Power: 24 V DC via AIO-Hub</p>	
<p data-bbox="86 459 236 492">1054-000</p> 	<p data-bbox="357 459 879 492">iGRAIN Relay Output Unit for DIN rail</p> <p data-bbox="357 526 815 560">Output: 8 relay outputs, NC and NO</p> <p data-bbox="357 560 943 593">Communicaton: Modbus, RS 485 via AIO-Hub</p> <p data-bbox="357 593 724 627">Power: 24 V DC via AIO-Hub</p>	
<p data-bbox="86 683 236 716">1044-000</p> 	<p data-bbox="357 683 820 716">iGRAIN Plenum Pressure Sensor</p> <p data-bbox="357 750 1067 784">Meassure range: ± 1 to $+1$ bar, and thereby fan operaton</p> <p data-bbox="357 784 943 817">Communicaton: Modbus, RS 485 via AIO-Hub</p> <p data-bbox="357 817 724 851">Power: 24 V DC via AIO-Hub</p>	