

## (D)AARC5XX Release Package 2024a – Summary

### Host FW:

		DAARC500 11030-04-G	AARC510 11031-03-G	AARC52 11122-03-G	DAS52 11164-01-E
1	Enhancements to output via general-purpose serial ports. A new <i>single packet</i> transmit mode is now supported in addition to the conventional <i>periodic</i> mode. It can be used to send configuration commands to an external device which needs explicit setup with every power cycle. [Sec. 3.4.7.3]	•			
2	Added custom-device support for enhanced real-time monitoring for radar altimeters with ARINC-429 output, interfaced to via RTX adapter. [DAARC: Appx. E.1.2, Appx. O] [Others: Appx. G.1.4, Appx. N]	•	•	•	•
3	Support of a new startup mode, <i>Check HDD/SSD</i> . Similar to the default <i>idle</i> startup mode, but the system will wait until recording devices are ready before allowing access. [Sec. 3.4.1]	•			
4	Additional feedback is now provided upon termination of <i>adaptive mode</i> : in addition to a comprehensive tabular summary of the changes in performance statistics, a measure of the overall merit of the adaptation process is encoded in the background color of the ADAPT button. [Sec. 3.5.2.1]	•	•	•	
5	Simplified the restoring of successful adaptive solutions. [DAARC: Appx. G, Sec. 3.5.2.1] [Others: Appx. E, Sec. 3.5.2.1]	•	•	•	
6	The selection of 4-trace-mode or 8-trace-mode for the real-time graphic display is now stored as part of the configuration file. [Sec. 3.4.5]	•	•	•	•
7	Minor / cosmetic: Added separators in the <i>custom numerical display</i> to emphasize cells which may be used to monitor quality-control signals. [Sec. 3.4.5]	•	•	•	•

## Front End FW:

**RMS1877-05-C** – Unchanged.

## (D)AARC5XX Support Software – Jul/2024

### ExportDAARC

**v4.0** – *ExportSerial* and *ExportEth*: Support protocols/interpretation for ARINC-429 via RTX adapter radar altimeter.

### SeeInDAARC

**v2.51** – Adds ARINC-429 via RTX adapter radar altimeter to custom device parameters (DAARC500, AARC510, AARC52).  
– Adds Output Mode parameter for serial channels (DAARC500).  
– 4/8-Traces parameter now part of configuration (DAARC500, AARC510, AARC52).  
– New start-up mode, wait for HDD/SSD (DAARC500).

### Console-Mode Programs

#### ExportMag

**v3.0** – Unchanged.

#### ExportAnalog

**v1.6** – Unchanged.

#### ExportSerial

**v2.9** – Unchanged.

#### ExportEth

**v1.0** – Unchanged.

#### MergeDAARC

**v2.0** – Unchanged.

#### ExportLog

**v1.3** – Unchanged.