AS7002 WD666 per-channel diagnostics - prepared reference

Applicability

AS7002 with WD666 board and the menu described in the Chinese function reference. LCD and firmware variants may omit individual functions.

WD666 per-channel diagnostics

The WD666 menu distinguishes each channel's signal value, environmental-noise value and accumulated strong-interference events. Use the relevant reading to decide whether a persistent alarm follows a nearby tag, an affected channel or site interference.

Software gain and hardware range are separate settings. A higher dynamic threshold can reduce nuisance alarms while reducing detection reach. Save with the confirmation command, then retest with the actual labels after changing the operating mode or synchronization.

Before handover

- Identify the controller and revision before applying a menu or wiring reference.

- Test the actual tags with normal store equipment operating, then retain the accepted settings.

Document information

This is an independently prepared English reference based on the reviewed technical material. It is not a manufacturer-issued original, does not replace the delivered hardware instructions and does not add a manufacturer warranty or certification.