

ISO/IEC 18000-65:2026-02 (E)

Information technology - Radio frequency identification for item management - Part 65: Parameters for air interface communications for streaming sensors based on ISO/IEC 18000-63

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols, abbreviated terms and notations	2
4.1	Symbols	2
4.2	Abbreviated terms	2
4.3	Notations	3
5	Streaming sensor	3
5.1	General	3
5.2	Full duplex operation in backscatter communication	3
5.3	Configuration of streaming sensor	6
5.4	Streaming sensor state machine	7
5.5	Communication protocol	8
5.5.1	General	8
5.5.2	Writing configuration to tag and digital sensor	9
5.5.3	Streaming data frame	12
5.5.4	Streaming data encoding	12
5.5.5	StreamStart	13
5.5.6	StreamStop (full duplex operation)	14
5.5.7	Subcarrier and bitrate allocation	14
Annex A (normative) State transition tables for streaming sensors		16
Annex B (informative) Stream sensor implementation guide		17
Annex C (informative) Write and Read command and reply sequence in stage 2		20