
**Information technology — Radio
frequency identification for item
management —**

**Part 4:
Parameters for air interface
communications at 2,45 GHz**

*Technologies de l'information — Identification par radiofréquence
(RFID) pour la gestion d'objets —*

*Partie 4: Paramètres de communications d'une interface d'air à
2,45 GHz*

ISO/IEC 18000-4:2018

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Foreword

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This document was prepared by Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*.

This fourth edition cancels and replaces the third edition (ISO/IEC 18000-4:2015), which has been technically revised. The main changes compared to the previous edition are as follows:

— Mode 4, described in [Clause 9](#) as "MODE 4: Configurable data rate active RFID system", has been added.

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Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document is one of a series of International Standards and Technical Reports developed by ISO/IEC JTC 1/SC 31 for the identification of items (item management) using radio frequency identification (RFID) technology.

This document defines four 2,45 GHz protocols. Each of the specific physical/data link configuration is defined in a separate subclause. The configuration descriptions include a physical layer and a data link layer.

The International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) draw attention to the fact that it is claimed that compliance with this document may involve the use of patents concerning radio frequency identification technology given in all parts of this document.

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