

BS ISO/IEC 24730-2:2012



BSI Standards Publication

Information technology - Real time locating systems (RTLS)

Part 2: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol

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National foreword

This British Standard is the UK implementation of ISO/IEC 24730-2:2012. Together with BS ISO/IEC 24730-21:2012 and BS ISO/IEC 24730-22:2012, it supersedes BS ISO/IEC 24730-2:2006 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee IST/34, Automatic identification and data capture techniques.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments issued since publication

Date	Text affected
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**Information technology — Real time
locating systems (RTLS) —**

**Part 2:
Direct Sequence Spread Spectrum
(DSSS) 2,4 GHz air interface protocol**

*Technologies de l'information — Systèmes de localisation en temps réel
(RTLS) —*

*Partie 2: Protocole d'interface d'air à 2,4 GHz d'étalement de spectre à
séquence directe (DSSS)*



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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 24730-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*.

This second edition of ISO/IEC 24730-2, together with ISO/IEC 24730-21 and ISO/IEC 24730-22, cancels and replaces the first edition of ISO/IEC 24730-2:2006, which has been technically revised.

ISO/IEC 24730 consists of the following parts, under the general title *Information technology — Real time locating systems (RTLS)*:

- *Part 1: Application program interface (API)*
- *Part 2: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol*
- *Part 21: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol: Transmitters operating with a single spread code and employing a DBPSK data encoding and BPSK spreading scheme*
- *Part 22: Direct Sequence Spread Spectrum (DSSS) 2,4 GHz air interface protocol: Transmitters operating with multiple spread codes and employing a QPSK data encoding and Walsh offset QPSK (WOQPSK) spreading scheme*
- *Part 5: Chirp spread spectrum (CSS) at 2,4 GHz air interface*
- *Part 6: Ultra Wide Band Air Interface protocol*
- *Part 61: Low rate pulse repetition frequency Ultra Wide Band (UWB) air interface*
- *Part 62: High rate pulse repetition frequency Ultra Wide Band (UWB) air interface*