

INTERNATIONAL STANDARD

**Building intercom systems -
Part 1-2: System requirements - Building intercom systems using the Internet
protocol (IP)**

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IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Building intercom systems -
Part 1-2: System requirements -
Building intercom systems using the Internet protocol (IP)**

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IEC 62820-1-2 has been prepared by IEC technical committee 79: Alarm and electronic security systems. It is an International Standard.

This second edition cancels and replaces the first edition published in 2017. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of the requirement for overall loudness rating (OLR) when the screen size of the hands-free intercom unit is larger than 10 inches at the test distance of 30 cm;
- b) addition of the requirement for test conditions when the test distance is 30 cm or longer;
- c) addition of the method of testing overall loudness rating (OLR) when the screen size of the hands-free intercom unit is larger than 10 inches.

The text of this International Standard is based on the following documents:

Draft	Report on voting
79/721/CDV	79/729A/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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INTRODUCTION

The IEC 62820 series of standards set out the technical requirements for the composition, functions, performance, and test methods of building intercom systems for building entry and application guidelines and consist of five parts:

Part 1-1: *System requirements - General*

Part 1-2: *System requirements - Building intercom systems using the internet protocol (IP)*

Part 2: *Requirements for advanced security building intercom systems (ASBIS)*

Part 3-1: *Application guidelines - General*

Part 3-2: *Application guidelines - Advanced security building intercom systems (ASBIS)*

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