AS/NZS 2201.5:2008

Australian/New Zealand Standard™

Intruder alarm systems

Part 5: Alarm transmission systems

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-031, Intruder Alarm Equipment and Installation. It was approved on behalf of the Council of Standards Australia on 11 September 2007 and on behalf of the Council of Standards New Zealand on 21 September 2007.
This Standard was published on 31 January 2008.

The following are represented on Committee EL-031:

Australian Industry Group
Australian Security Industry Association Limited
Australian Security Intelligence Organization
Engineers Australia
Insurance Council of Australia Limited
Insurance Council of New Zealand
NSW Police Service
National Security Association of Australia
New Zealand Security Association
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This Standard was issued in draft form for comment as DR 07154.

Australian/New Zealand Standard™

Intruder alarm systems

Part 5: Alarm transmission systems

First published as part of AS 2201.2—1978.
Second edition 1986.
Revised and redesignated in part as AS 2201.5—1992.
Jointly revised and redesignated AS/NZS 2201.5:2008.

Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 8531 X

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-031, Intruder Alarm Equipment and Installations to supersede AS 2201.5—1992, *Intruder alarm systems*, Part 5: *Alarm transmission systems*, and requirements for signalling links in AS 2201.2—2004, *Intruder alarm systems*, Part 1: *Monitoring centres*.

The objective of this Standard is to provide a rating system for alarm transmission systems, equipment and systems using dedicated paths, switched networks and wire-free systems to ensure appropriate security systems are applied.

This Standard is Part 5 of the series, *Intruder alarm systems*, the parts of which are as follows:

AS

2201	Intruder alarm systems	
2201.2	Part 2:	Monitoring centres
2201.3	Part 3:	Detection devices for internal use

AS/NZS

2201	Intruder alarm systems	
2201.1	Part 1:	Client's premises—Design, installation, commissioning and maintenance
2201.5	Part 5:	Alarm transmission systems (this Standard)

In the preparation of this Standard, reference was made to draft IEC Publication 839, *Alarm systems*, Part 5: *Requirements for alarm transmission systems* and to UL Standards for alarm systems.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies the requirements for the performance, reliability and security characteristics for alarm transmission systems used as part of an intruder alarm system.

It includes requirements for the transmission of signals between an intruder alarm system in a clients premises and a monitoring centre.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS
2201 Intruder alarm systems
2201.2 Part 2: Monitoring centres

AS/NZS
2201.1 Part 1: Client's premises—Design, installation, commissioning and maintenance

3000 Electrical installations (known as the Australian/New Zealand Wiring Rules)

AS ISO/IEC
17025 General requirements for the competence of testing and calibration laboratories

1.3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 2201.1 and those below apply.

1.3.1 Aggregate path classification

Alarm transmission system classification in Section 3 Table 3.1, which takes into account performance achievable by the implementation of multiple independent paths to improve the system in total or in part.

1.3.2 Alarm transmission equipment

Intermediate equipment that routes alarm signals and fault signals between an intruder alarm system and a monitoring centre.

1.3.3 Alarm transmission system

Configuration of components used to transfer information from an intruder alarm system installed in a client's premises to a monitoring centre.

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