

AS 2201.3—1991

Australian Standard[®]

Intruder alarm systems

**Part 3: Detection devices for
internal use**

This Australian Standard was prepared by Committee EL/31, Intruder Alarm Equipment and Installations. It was approved on behalf of the Council of Standards Australia on 4 October 1990 and published on 28 March 1991.

The following interests are represented on Committee EL/31:

Association of Burglary Insurance Surveyors Australasia
Australian Electrical and Electronic Manufacturers Association
Australian Security Industry Association
Building Owners and Managers Association of Australia
Confederation of Australian Industry
Department of Administrative Services — Australian Construction Services
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PREFACE

This Standard was prepared by the Standards Australia Committee on Intruder Alarm Equipment and Installations.

This Standard is Part 3 of a three-part Standard, the parts of which are as follows:

Part 1: *Systems Installed in Client's Premises*

Part 2: *Central Stations and Signalling Links*

Part 3: *Detection Devices for Internal Use* (this part)

This Standard is basically the same as AS 2201.3 — 1985 but incorporates changes to make it suitable for quality assurance certification on detection devices. It details the minimum performance requirements of a variety of detection devices together with their associated test methods. Only commonly used detectors are included and closed-circuit television and the external type of detectors have been excluded. Equipment which can comply with these requirements can be considered to be of high quality and thus help to reduce the high false alarm rate currently being experienced. The test methods have been selected for the worst conditions and these conditions should be avoided in practice.

It should be noted that the requirements and test methods specified may be different and more onerous than those specified in International Standards such as Underwriters Laboratories Standard for Safety, UL 639, Intrusion-detection units, and International Electrotechnical Commission Standard, IEC 839, Alarm systems. It is the intention of the Committee to bring this Standard into line with such International Standards (IEC 839-2, Part 2: *Requirements for intruder alarm systems*, is still under consideration) with the publication of a new edition at a later date.

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