

AS/NZS IEC 60839.11.1:2019
IEC 60839-11-1:2013

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Australian/New Zealand Standard™

Alarm and electronic security systems

Part 11.1: Electronic access control systems — System and components requirements



AS/NZS IEC 60839.11.1:2019

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee EL-031, Intruder Alarm Equipment and Installations. It was approved on behalf of the Council of Standards Australia on 12 November 2019 and by the New Zealand Standards Approval Board on 4 December 2019.

This Standard was published on 20 December 2019.

The following are represented on Committee EL-031:

- Australian Digital and Telecommunication Industry Association
- Australian Federal Police
- Australian Industry Group
- Australian Security Industry Association
- Engineers Australia
- Fire Protection Association Australia
- Insurance Council of Australia
- New Zealand Security Association
- NSW Police Force
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This Standard was issued in draft form for comment as DR AS/NZS IEC 60839.11.1:2019.

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ISBN 978 1 76072 675 1

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First published as AS/NZS IEC 60839.11.1:2019.

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-031, Intruder Alarm Equipment and Installations.

The objective of this Standard is to specify the minimum functionality, performance requirements and test methods for electronic access control systems and components used for physical access (entry and exit) in and around buildings and protected areas.

This Standard applies to electronic access control systems and components intended to be used in security applications for the granting of access and includes requirements for logging, identification and control of information.

This Standard covers the following:

- (a) A conceptual model and system architecture.
- (b) Criteria covering—
 - (i) classification based on performance functionalities and capabilities;
 - (ii) access point interface requirements;
 - (iii) indication and annunciation requirements (display, alert, logging);
 - (iv) duress signalling and overriding;
 - (v) recognition requirements;
 - (vi) system self-protection requirements; and
 - (vii) communication between the component parts of the electronic access control system and with other systems.
- (c) Requirements for environmental conditions (indoor/outdoor use) and electromagnetic compatibility.
- (d) Test methods.

This Standard does not include requirements for access point actuators and sensors.

This Standard is not intended to cover requirements for off premise transmission associated with intrusion or hold up alarm signals.

This Standard is identical with, and has been reproduced from, IEC 60839-11-1:2013, *Alarm and electronic security systems — Part 11-1: Electronic access control systems — System and components requirements*.

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