### INTERNATIONAL STANDARD

ISO 15784-2

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# Intelligent transport systems (ITS) — Data exchange involving roadside modules communication —

Part 2:

Centre to field device communications using SNMP

iTeh STÄNDARD PREVIEW

(stameNDMENT 1;)Support for SHA2 encryption

ISO 15784-2:2015/Amd 1:2020

https://standards.iteSystèmes intelligents de transport (SIT) — Échange de données b325-8c4c impliquant la communication de modules en bordure de route —

Partie 2: Communications par dispositif du centre au terrain en utilisant le protocole simple de gestion de réseau (SNMP)

AMENDEMENT 1



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ISO 15784-2:2015/Amd 1:2020 https://standards.iteh.ai/catalog/standards/sist/b139b1dd-8cb9-4707-b325-8c4c05c98a92/iso-15784-2-2015-amd-1-2020



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This document was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*. ISO 15784-22015/Amd 1:2020

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### Intelligent transport systems (ITS) — Data exchange involving roadside modules communication —

### Part 2:

### Centre to field device communications using SNMP

### AMENDMENT 1: Support for SHA2 encryption

Page 2, Clause 3 Normative references

Add the following reference:

IETF RFC 7860, HMAC-SHA-2 Authentication Protocols in User-Based Security Model (USM) for SNMPv3

Page 5, Clause 5 Symbols and abbreviated terms

Add the following abbreviated term: ANDARD PREVIEW

SHA-2 Hash-based Message Authentication Code iscure Hash Algorithm 2

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Add the following subclause:

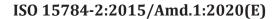
#### 7.5.2.5 SHA2 Authentication

An implementation of this document that supports SNMPv3 shall support HMAC-SHA-2 authentication (SHA-2) as defined in IETF RFC 7860.

Page 26, Table A.4 — Protocol requirements list

Insert row as follows:

Index	Feature	Clause of profile	Profile status	Support
sha2	Does the implementation support the SHA-2 Authentication algorithm?	4.5.2.5	snmpv3:m	Yes/NA



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