

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

J.288

(07/2019)

SERIES J: CABLE NETWORKS AND TRANSMISSION
OF TELEVISION, SOUND PROGRAMME AND OTHER
MULTIMEDIA SIGNALS

Digital transmission of television signals – Part 2

Encapsulation of type length value (TLV) packet for cable transmission systems

Recommendation ITU-T J.288

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Summary

Recommendation ITU-T J.288 proposes an encapsulation scheme for type length value (TLV), a data structure specified in Recommendation ITU-R BT.1869, for cable transmission systems designed on the basis of Recommendation ITU-T J.83.

Many of the existing digital broadcasting systems use the Motion Picture Experts Group version 2 (MPEG-2) transport stream (TS) as their input format. In contrast, variable-length packet formats such as TLV are specified for transmitting Internet protocol (IP) packets efficiently over broadcasting channels as aggregates of variable-length packets. In order to transmit TLV with the existing Recommendation ITU-T J.83 transmission system, it is necessary that variable-length TLV packets be fragmented and encapsulated into fixed-length 188-byte packets.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T J.288	2016-03-15	9	11.1002/1000/12770
2.0	ITU-T J.288	2019-07-29	9	11.1002/1000/13971

Keywords

4K, 8K, fragmented TLV.

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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