

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

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TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

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SERIES F: NON-TELEPHONE TELECOMMUNICATION
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Multimedia services

Requirements for communication services of civilian unmanned aerial vehicles

Recommendation ITU-T F.749.10

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Recommendation ITU-T F.749.10

Requirements for communication services of civilian unmanned aerial vehicles

Summary

Recommendation ITU-T F.749.10 provides the requirements for communication services of civilian unmanned aerial vehicles (CUAVs), as well as the use cases of CUAV in industry and consumer application areas. This Recommendation includes a general communication service framework, communication system requirements, requirements for flight control communication and flight data transport and requirements for mission payload communication service (such as audio / video / images transport, sensor data transport and communication signal relay).

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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Keywords

Civilian unmanned aerial vehicle, communication service requirements, ground control station.

* 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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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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