

ICS 33.050
CCS M30

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 6905-2026

**Application system architecture and interface for internet of
video Things infrastructure - Based on video cloud network
convergence**

云网融合的视频联网基础设施 应用系统架构和协议接口
(English Translation)

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Foreword

YD/T 6905-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.050; CCS M30.

1 Scope

This document specifies the reference architecture, functional requirements and interfaces of the application system for video networking infrastructure built on cloud-network convergence. It covers the system architecture of the video networking infrastructure under a new IT architecture, the functional requirements of the basic architecture, and the interface protocols for IPv6+ evolution, including terminal access, data transmission, processing and distribution, and interworking between functional systems.

It applies to the design, development and construction of video networking platforms. Platform developers, system integrators and the operators who build and run video networking infrastructure are the likely users. The /T in the code means it is voluntary. The Ministry of Industry and Information Technology approved the document, which was issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.