

ICS 33.060
CCS M36

YD

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

YD/T 6785-2026

**Industrial Internet - Non-5G-Capable over WLAN device access
to core network - General technical requirements**

工业互联网 无5G接入能力的无线局域网设备接入核心网 总体技术要求
(English Translation)

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Foreword

YD/T 6785-2026 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 15 April 2026, with effect from 1 August 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.060; CCS M36.

1 Scope

The document sets out the general technical requirements for access of non-5G-capable devices over WLAN (N5CW devices) to the 5G core network in Industrial Internet applications. It mainly covers typical scenarios and service needs, the system architecture, system functional requirements, interface requirements and protocol stack, and network management requirements. It applies to deploying N5CW device access to the 5G core network and to developing and testing the related equipment.

Telecom operators, core network and WLAN equipment vendors, and test laboratories can use it. It is a voluntary industry standard (code with /T). It was approved by the Ministry of Industry and Information Technology, issued on 15 April 2026 and takes effect on 1 August 2026. It is a new standard.