

ICS 33.060
CCS M36

YD

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

YD/T 6786-2026

**Industrial Internet - Non-5G-Capable over WLAN device access
to core network - Equipment 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 设备技术要求
(English Translation)

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Foreword

YD/T 6786-2026 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

YD/T 6786-2026 specifies equipment 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 the system architecture, equipment functional requirements, interface requirements, key procedures and performance requirements. It applies as a reference for the development and testing of equipment involved in N5CW device access to the 5G core network.

Equipment manufacturers, developers and test laboratories are typical users. It is a voluntary industry standard, as the /T in its code shows. 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.