

ICS 33.040
CCS M30

YD

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

YD/T 7057-2026

**Technical specification For IP network equipment supporting
telemetry**

IP网络设备支持Telemetry技术要求
(English Translation)

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Foreword

YD/T 7057-2026 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 33.040; CCS M30.

1 Scope

The document specifies the technical requirements for data collection by IP network equipment that supports telemetry. It includes the requirements for the telemetry data collection interface of the equipment, and the functional and performance requirements for telemetry data collection by the control plane, the forwarding plane and the management plane of the equipment. It applies to the routers and switches used in networking in the IP network environment of telecommunication operators.

It is used by router and switch manufacturers who build telemetry support into their products, by telecommunication operators that select and test equipment, and by test laboratories. It is a voluntary standard issued by the Ministry of Industry and Information Technology on 1 June 2026 and effective from 1 September 2026. It is a new standard, and it gives manufacturers and operators one set of requirements for telemetry data collection.