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**Information technology-Telecommunications and information
exchange between systems-Requirement for video to video
network system**

信息技术 系统间远程通信和信息交换 视联网系统要求

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document was proposed and coordinated by the National Information Technology Standardization Technical Committee (SAC/TC28).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Telecommunications and information exchange between IT systems System requirements for video networking

1 Scope

This document provides the functional reference architecture and network reference architecture of the visual networking system, and specifies the application layer, service layer, network layer, and Functional requirements of the network layer and access layer as well as system security requirements.

This document applies to the design, development and application of visual networking systems.

2 Normative references

GB/T 22239-2019

GB/T 28181-2022

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Network Systems

Adopting hierarchical network architecture and layered addressing mechanism, it is aimed at the secure communication of audio and video information transmission in local and wide area networks.

3.2 Cascade

The process of connecting multiple visual networking systems to form a whole.

Note. In the cascade process, data, instructions or control signals are transferred from one system to another to achieve coordination and interaction between systems.

3.3

Equipment that enables information communication within a visual networking system.

Note. Visual networking equipment mainly includes core switching equipment, visual networking terminals, video access gateways and data access gateways.

4 Abbreviations

The following abbreviations apply to this document.

AV. Composite video interface (AudioVideo)