

INTERNATIONAL  
STANDARD

ISO/IEC/  
IEEE  
8802-1BA

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**Information technology —  
Telecommunications and information  
exchange between systems — Local  
and metropolitan area networks —  
Specific requirements —**

Part 1BA:  
**Audio video bridging (AVB) systems**

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*Technologies de l'information — Télécommunications et échange  
d'informations entre systèmes — Réseaux de zones locales et  
métropolitaines — Exigences spécifiques —*

*Partie 1BA: Systèmes de pontage audio-vidéo (AVB)*  
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**IEEE Std 802.1BA™-2011**

30 September 2011



IEEE Std 802.1BA™-2011

# **IEEE Standard for Local and metropolitan area networks—**

## **Audio Video Bridging (AVB) Systems**

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**Abstract:** Profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations and LANs that are necessary to build networks that are capable of transporting time-sensitive audio and/or video data streams are defined in this standard.

**Keywords:** audio video bridging, AVB, Bridged Local Area Networks, IEEE 802.1BA, LANs, local area networks, MAC Bridges, MANs, metropolitan area networks, time sensitive data streams, Virtual Bridged Local Area Networks, virtual LANs

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**Michael Jonas Teener**, *Chair, AV Bridging Task Group*

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