

SOURCE : Japan
TITLE : Terminal specifications for audiovisual communication using WS
PURPOSE : Discussion

1. Introduction

This document is a case study report for the AV terminals based on workstations. See AVC-607 for the total scope of the case studies. Only the difference from the general case, treated in AVC-608, is discussed here, and the chapter numbers are the same as those of AVC-608.

2. Study results

- desk-top type TV-phone/TV-conference 1.1
- optional CATV receiving capability 1.1
- image displayed onto square pixel monitors 1.3
- H.261 1 ch. 1.4
- MPEG-2 Audio 2 ch. 1.4
- LSD/HSD/MLP/JPEG, etc., on other VC(s) 1.4
- PES multiplex on 1 VC 1.4
 - Program Stream decode (by CPU) for package media
 - Transport Stream decode for CATV reception.
- optional CIF/QCIF encoding format 2
- optional H.261 encoding mode 2
 - (Note: Because N-ISDN connection is only optional.)
- optional B frames at encoders 2
- no High Levels 2
- multipoint support by an MCU 5
- optional video/audio source clock recovery 6
- no FECs at encoders 7

4. Conclusion

This document discussed the terminal configuration using workstations. Some functions required for general purpose high quality terminal are omitted considering the nature of the application.

END

References

- [1] AVC-607, "Japanese contributions related to H.32X specifications," March 3, 1994, Japan.
- [2] AVC-608 "Terminal specifications for high quality videoconferencing," March 3, 1994, Japan.