JT-T4 Terminal Characteristics of G3 Facsimile Device for Document Transmission

1. Relations with international standards

This standard describes the terminal characteristics of group 3 facsimile device for document transmission. The standard is based on ITU-T Recommendation T.4 that was agreed on the Resolution No.1 procedure at the ITU-T SG8 meeting in November 2000.

2. Summary of departures from ITU-T Recommendations

2.1 Selection of optional items
None

2.2 Decision of national matter items
(1)The paper size used for the parameter definition is determined on A4, B4 and A3, instead of ISO A4, B4 and A3. (Show Section 2.2.1, 2.2.2 and 2.2.3.)
(2)The reproducible area is determined on JIS A4 paper. (Show Appendix 1.)

2.3 Advanced items
None

2.4 Added items
In this standard, the following item is added from the ITU-T Recommendation.
(a)resolution of 200x100
  For clarification, the resolution is added in the Table2-1.
(b)For substantial difinition, the note added on Section B.7.3, C.8.8 and D.10.

2.5 Deleted items
In this standard, the following item is deleted from the ITU-T Recommendation.
(a) G3 facsimile on the ISDN(64kbit/s option F[G3F])
(b) Mixed Raster Content
(c) Speech data transfer on the file transfer
(d) Repertoire of box-drawing characters
The reason why item(a) is deleted is that the technical study of it is not sufficient and that there is little need to standardize it.
The reasons why items(b) ,(c) and (d) there are littele need to standardize these.

2.6 Amendments to international Recommendation
None

2.7 Others
International Recommendation correspond to Section 1 and Section 2 of this standard as follows.

International Recommendation	This Standard
	1.Scope of this Standard
	2. Scanning track and Dimensions of apparatus
1. Scanning track	2.1 Scanning track
2. Dimensions of apparatus	2.2 Dimensions of apparatus
2.1 (None Item)	2.2.1 mm based resolution
2.2 (None Item)	2.2.2 inch based resolution
2.3 (None Item)	2.2.3 input documents size

3. History of revision

Version No.	Date	Content of revision
1st version	May 31, 1988	First edition
2nd version	Apr. 26, 1991	Modification due to the addition of high speed modem and MMR coding scheme in the revision of ITU-T Recommendation T.4
3rd version	Nov. 26, 1992	Modification due to the addition of high resolution mode in the revision of ITU-T Recommendation T.4
4th version	Apr. 26, 1994	Modification due to the addition of File transfer, Character mode, Mixed mode and amendment of maximum transmission time in the revision of ITU-T Recommendation T.4
5th version	Apr. 26, 1994	Modification due to the addition of optional continuous-tone colour mode and the modification of mixed mode in the revision of ITU-T Recommendation T.4
6th version	Apr. 24, 1996	Modification due to the addition of North American Letter and Legal, and Progressive bi-level image compression in the revision of ITU-T Recommendation T.4
7th version	Apr. 23, 1997	Modification due to the deletion of note fax(A5/A6 device) and V.33 optional modem, and the addition of V.34 optional modem in the revision of ITU-T Recommendation T.4
8th version	Apr. 28, 1998	Modification due to the addition of optional secure communication mode and lossless transmission mode of colour and gray-scale images in the revision of ITU-T Recommendation T.4
9th version	Apr. 22, 1999	Modification due to the addition of talker echo protection (TEP) signal with the V.29 modulation system and others in the revision of ITU-T Recommendation T.4
10th version	Apr. 20, 2000	Modification due to the addition of higher resolutions and others in the revision of ITU-T Recommendation T.4
11th version	Apr. 19, 2001	Modification due to the K parameter, the expansion of resolution and others in revision of ITU-T Recommendation T.4
12th version	May 30, 2002	Modification due to the revision of ITU-T Recommendation T.4

4. Others

(1) Recommendations and Standards for reference

ITU-T Recommendations
  F.551, T.6, T.50, T.51, T.81, T.82
  V.2, V.17, V.27ter, V.29, V.34, X.209
TTC Standards
  JT-T30, JT-T434, JT-T42, JT-T43, JT-T85
ISO/IEC standards
  ISO 8859-1, ISO/IEC 9735, ISO/IEC 10918-1, CIE Publication No.15.2