

DATA FORMAT

BDIAG2-GROUP

Table of Contents:

1. *Definition of TAG and fields in CSV file.....*2
2. *Sample(The portion following a common header)*5

DATA FORMAT : Examination data part BDIAG2—GROUP (version:1-00-04)

1. Definition of TAG and fields in CSV file

First cover. Tag List

Tag Name	Explanation of the tag	Field following a tag							
		Number of appearance	Number of fields	Name of fields	Letter type	Character type	The maximum number of the characters	Detail	Unit
[MAC_V]	Software Version	ex:UD-8000	9						
		-		T-Engine CPU software version	String	ASCII	6	Character string of T-Engine CPU software version Example: TEC000	
				T-Engine FPGA software version	String	ASCII	6	Character string of T-Engine FPGA software version Example: TEF000	
				Microblaze software version	String	ASCII	6	Character string of Microblaze software version Example: MBC000	
				Digital FPGA software version1	String	ASCII	6	Character string of Digital FPGA software version 1 Example: D1F000	
				Digital FPGA software version2	String	ASCII	6	Character string of Digital FPGA software version 2 Example: D2F000	
				DSP software version	String	ASCII	6	Character string of DSP software version Example: DSP000	
				Analog CPU software version	String	ASCII	6	Character string of Analog CPU software version Example: ANC000	
				Bluetooth CPU software version	String	ASCII	6	Character string of Bluetooth CPU software version Example: BTC000	
				Touch Panel software version	String	ASCII	6	Character string of Touch Panel software version Example: TPC000	
[EDIT_MAC_V]	Software version of final edit	ex:UD-8000	10	Model name	String	ASCII	12	Model name of measurement:UD8000 Following is version of that model.	
		-		T-Engine CPU software version	String	ASCII	6	Character string of T-Engine CPU software version Example: TEC000	
				T-Engine FPGA software version	String	ASCII	6	Character string of T-Engine FPGA software version Example: TEF000	
				Microblaze software version	String	ASCII	6	Character string of Microblaze software version Example: MBC000	
				Digital FPGA software version1	String	ASCII	6	Character string of Digital FPGA software version 1 Example: D1F000	
				Digital FPGA software version2	String	ASCII	6	Character string of Digital FPGA software version 2 Example: D2F000	
				DSP software version	String	ASCII	6	Character string of DSP software version Example: DSP000	

DATA FORMAT : Examination data part BDIAG2—GROUP (version:1-00-04)

				Analog CPU software version	String	ASCII	6	Character string of Analog CPU software version Example: ANC000	
				Bluetooth CPU software version	String	ASCII	6	Character string of Bluetooth CPU software version Example: BTC000	
				Touch Panel software version	String	ASCII	6	Character string of Touch Panel software version Example: TPC000	
[RL]	L/R eye to be measured	-	1	Left or Right	String	ASCII	5	One of the character strings of [Left] or [Right]	—
[PRB_TYP]	Probe Type	-	1	Probe Type	String	ASCII	10	One of the character strings of [B-15MHz][B-30MHz][B-40MHz] or [B-60MHz]	—
[FILES_N]	Number of the attached files	-	1	Number of the files	Num	ASCII	3	Unsigned integer 1:Thumbnail Disable 2:thumbnail Enable	File
	Encryption	-	1	Encryption	String	ASCII	13	Disable:no encryption Enable:encryption	-
[FILE]	Name and attribute of the attached files	MAX 32	2	File name of the attached file	String	ASCII	256	File Name UD-8000:FMT=MOVIE[***.BDM]/FMT=STILL[***.BDE] BMP images for thumbnails:[***.BMP]	—

Attention

- If you do not need the attachments, [FILES_N] [FILE] is omitted.

DATA FORMAT : Examination data part BDIAG2—GROUP (version:1-00-04)

Attached the file

•Image Information File File Name:*****.BMS

*If the parameter is not used, the parameter 0

• STILL Data File File Name: *****.BDE

[TYPE Flag(16bit_Binary_BigEndian)]

[0x0000 (16bit_Binary_BigEndian)] (blank)

[Number of lines (16bit_Binary_BigEndian)]

[Number of data (16bit_Binary_BigEndian)]

[Reserve (16bit_Binary_BigEndian)]

[FrameNo.1 Image parameters (16bit_Binary__Littele_Endian)]

----15-14bit Frequency (0:15MHz/1:20MHz/2:Harmonic)

----13bit Scan mode(0:Normal/1:High)

----12-11bit Target(0:Infact/1:Normal/2:Long/3:Back)

----10bit Scope(0:Normal/1:Wide)

----9-0bit None(All:0)

[FrameNo.1 TG/DR (16bit_Binary_BigEndian)]

----15-8bit Total Gain

----8-0bit Dynamic Range

[FrameNo.1 NG/FG(16bit_Binary_BigEndian)]

----15-8bit Near Gain

----8-0bit Far Gain

[FrameNo.1、LineNo.1、DataNo.1 (16bit_Binary_BigEndian)]

[FrameNo.1、LineNo.1、DataNo.2(16bit_Binary_BigEndian)]

■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

[FrameNo.1、LineNo.1、DataNo.Last(16bit_Binary_BigEndian)]

[FrameNo.1、LineNo.2、DataNo.1(16bit_Binary_BigEndian)]

■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

[FrameNo.1、LineNo.Last、DataNo.Last(16bit_Binary_BigEndian)]

DATA FORMAT : Examination data part BDIAG2—GROUP (version:1-00-04)

2. Sample(The portion following a common header)

Right Eye(UBM,ECHO)

Sample	Explanation
[FM_IF],BDIAG2,1-00-01	Version of BDIAG2 format for 1-00-04
[MSR_MAC_V],UD-8000,TEC000,TEF000,MBC000,D1F000,D2F000,DSP000,ANC000,BTC000,TPC000	Measuring Unit: UD-8000、T-Engine CPU soft ver.TEC000、T-Engine FPGA soft ver.TEF000、Microblaze soft ver.MBC000、 Digital FPGA soft1 ver.D1F000、Digital FPGA soft2 ver.D2F000、DSP soft ver.DSP000、Analog CPU soft ver.ANC000、 Bluetooth CPU soft ver.BTC000、Touch Panel soft ver.TPC000
[EDIT_MAC_V],UD-8000,TEC000,TEF000,MBC000,D1F000,D2F000,DSP000,ANC000,BTC000,TPC000	Last Edit: UD-8000、T-Engine CPU soft ver.TEC000、T-Engine FPGA soft ver.TEF000、Microblaze soft ver.MBC000、 Digital FPGA soft1 ver.D1F000、Digital FPGA soft2 ver.D2F000、DSP soft ver.DSP000、Analog CPU soft ver.ANC000、 Bluetooth CPU soft ver.BTC000、Touch Panel soft ver.TPC000
[RL],Right	Right eye
[PRB_TYP],B-15MHz	B-15MHz
[FILES_N],4	Number of attachment file=4
[FILE],tomey.1.BMS	Attachment File name=tomey.1.BMS
[FILE],tomey.1.BDE	Attachment File name=tomey.1.BDE
[FILE],tomey.2.BMS	Attachment File name=tomey.2.BMS
[FILE],tomey.2.BDE	Attachment File name=tomey.2.BDE