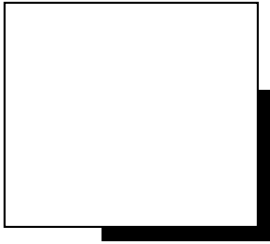


# **DATA FORMAT**

---



## **Outline of the Export File**

## Table of Contents:

<b>1. CSV file.....</b>	<b>3</b>
<b>2. Structure of the CSV file .....</b>	<b>3</b>
<b>3. Header part.....</b>	<b>4</b>
<b>4. Examination type .....</b>	<b>5</b>
<b>5. Attached file .....</b>	<b>5</b>
<b>6. Sample.....</b>	<b>6</b>

## DATA FORMAT : Outline of the Export File (Version 1-05-02)

### 1. CSV file

The export file is the CSV file, which is a kind of text file, divided a record and a record by the line feed code, and divided each field in a record with a comma code.

1 <sup>st</sup> Line (1 <sup>st</sup> record)	field1,field2,field3..... (Line feed code)
2 <sup>nd</sup> Line (2 <sup>nd</sup> record)	field1,field2,field3..... (Line feed code)
3 <sup>rd</sup> Line (3 <sup>rd</sup> record)	field1,field2,field3..... (Line feed code)
4 <sup>th</sup> Line (4 <sup>th</sup> record)	field1,field2,field3..... (Line feed code)
:	:
:	:
n-1 <sup>th</sup> Line (n-1 <sup>th</sup> record)	field1,field2,field3..... (Line feed code)
n <sup>th</sup> Line (n <sup>th</sup> record)	field1,field2,field3..... (Line feed code)

The number of the fields are depend on type of records.

Note:

Line feed code = 0Dh + 0Ah ,    comma code =2Ch
---

### 2. Structure of the CSV file

CSV file consist of a header part described patient information, and several parts depending on the type of the examination.

Header part	Examination data part	Examination data part		Examination data part
-------------	-----------------------	-----------------------	--	-----------------------

It repeats by the number of times shown by [FM\_NU].

It is start with [FM\_IF] TAG.

When the file attached to a CSV file is generated, [FILES\_N] TAG and [FILES] TAG are added to the last line of the part.

## DATA FORMAT : Outline of the Export File (Version 1-05-02)

### 3. Header part

Tag Name	Explanation of the tag	Field following a tag					
		Number of appearance	Number of fields	Name of fields	Character type	The maximum number of the characters	Detail
[VER]	Version number of this header part	-	1	Version	ASCII	16	
[PT_ID]	Patient ID number	-	1	ID	ASCII	64	
[PT_NM]	Patient Name	-	1	Name	ASCII	64	A space-code may also be included.
[PT_SX]	Patient Sex	-	1	Gender	ASCII	1	Male: M, female : F
[PT_AG]	Patient age	-	1	Age	ASCII	3	
[PT_BIRTH]	Date of birth of the patient	-	1	Date	ASCII		MM/DD/YYYY (Ex. 3/21/2014)
[PT_NAME_E1]	Patient Name	-	1		ASCII	127	
[PT_NAME_E2]	Patient Name	-	1		ASCII	127	
[PT_NAME_J1]	Patient Name (for Multilanguage)	-	1		UTF-8	127	
[PT_NAME_J2]	Patient Name (for Multilanguage)	-	1		UTF-8	127	
[ST_DT]	Measurement Date	-	1	Date	ASCII		MM/DD/YYYY (Ex. 3/21/2014)
[ST_TM]	Measurement Time	-	1	Time	ASCII		hh/mm/ss AM/PM (Ex. 3:18:23 PM)
[OP_ID]	Operator ID	-	1	ID	ASCII	64	
[OP_NM]	Operator Name	-	1	Name	ASCII	64	A space-code may also be included
[MC_NM]	Product Name	-	1	Product Name	ASCII	10	
[MC_NO]	Machine number	-	1	Number	ASCII	2	A different number is set up when two or more same models exist in a network. This item is set up on equipment.
[FM_NU]	Total Number of the examination data part	-	1	Number	ASCII		
[FM_IF]	Information of following format	Max.32	2	Format Name	ASCII	64	
				Version	ASCII	64	

Supplement: Let time be the 12-hour system of AM/PM. It does not use but expresses at 12:00 at 0:00.

## DATA FORMAT : Outline of the Export File (Version 1-05-02)

### 4. Examination type

[FM\_IF] TAG is arrows examination type.

Format name	Examination Type
ADIAG	A-DIAG(UD-6000)
ADIAG2	A-DIAG(AL-4000/AL-4050/UD-8000)
AXIAL	Biometry, Axial Length
BAXIAL	B-Axial(UD-6000)
BAXIAL2	B-Axial(UD-8000)
BDIAG	B-DIAG(UD-6000)
BDIAG2	B-DIAG(UD-8000)
DIA	Pupillometer / Corneal diameter
ERG_VEP	Electroretinography
GROUP-BDIAG2	B-DIAG Group
KERATO	Kerato meter
LENS	Lensmeter
NT	TONO
OKULIX	OKULIX
OPTAXIAL	Optical Biometer
PACHY	Pachy
REF	Refract meter
SLIT	Measurements with Scheimpflug
SPECULAR	Specular microscope
SSOCT	Cornea / Anterior Segment OCT
SURGERRY	Surgery Information
THERMO	Thermographer
TMS_SLIDE	Slide type of TMS
TOPO	Topography
TOPO2	Topo analysis
TSAS	Tear Stability Analysis System
UD_AD	A-DIAG
UD_BD	B-DIAG
UD_BA	B-AxL
USAXIAL	Biometry , Axial Length (Ultrasound)
USPACHY	Pachy(Ultrasound)
VERIS	VERIS

### 5. Attached file

Tag Name	Explanation of the tag	Field following a tag					
		Number of appearance	Number of fields	Name of fields	Character type	The maximum number of the characters	Detail
[FILES_N]	Number of attached file	-	2	Number of file	ASCII	3	
				presence or absence of encryption	ASCII	13	"Blank" : encrypted "no encryption" : not encrypted
[FILE]	File name and attribute of the attached file	Max 128	3	File name	UTF-8	255	
				Attribute	ASCII	255	See each examination data format
				Attribute2	ASCII	255	See each examination data format

## DATA FORMAT : Outline of the Export File (Version 1-05-02)

### 6. Sample

Line	Sample	Explanation
1	[VER],1-00-00	Version number of this format
2	[PT_ID],0000001	Patient ID is 0000001
3	[PT_NM],Koji Yamagishi	Name of the patient is Koji Yamagishi
4	[PT_SX],M	Gender of the patient is Male.
5	[PT_AG],20	Age of the patient is 20.
6	[PT_BIRTH],1/28/1980	DOB of the patient is 1/28/1980
7	[PT_NAME_J1], 山岸	patient name with UTF-8
8	[PT_NAME_J2], 工事	patient name with UTF-8
9	[ST_DT],1/28/2002	Date of the examination
10	[ST_TM],3:18:23 PM	Time of the examination
11	[OP_ID],0000002	ID number of the operator is 0000002
12	[OP_NM],Koji Yamagishi	Name of the operator is Koji Yamagishi
13	[MC_NM],ZZ-9999	Model name is ZZ-9999
14	[MC_NO],0	Number of instrument is 0
15	[FM_NU],2	Two examination reports continue
16	[FM_IF],xx1,1-00-00	First format : name and version
17	[xxxxxxx],Data1	
18	[xxxxxxx],Data,Data2	
19	[xxxxxxx],Data1	
:	:	
x	[xxxxxxx],Data1	
x	[xxxxxxx],Data1	
x	[FM_IF],xx2,1-00-00	Second format : name and version
x	[FILES_N],2	One file is attached
x	[FILE],XXXX.jpg,0,yyyy.dat,raw	2 files attached. "XXXX.jpg"(attribute of the file is "0") and yyyy.dat"(attribute of the file is "raw")
x	[xxxxxxx],Data1	
x	[xxxxxxx],Data,Data2	
x	[xxxxxxx],Data1	
:	:	
x	[xxxxxxx],Data1	
last	[xxxxxxx],Data1	