NetOrder 3.0.0
API Reference Rev. 1.03

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1. Revision History

Date	*Description*	*Revision*
Nov 5, 2008	Newly created	1.00
Dec 25, 2008	Description of the following variables were added: QSS_ORDER_PARAM_AD ::PaperLengthMin QSS_ORDER_PARAM_AD ::PaperLengthMax QSS_ORDER_PARAM_AD ::PaperLengthMinB QSS_ORDER_PARAM_AD ::PaperLengthMaxB QSS_ORDER_PARAM_AD ::PaperLengthMinC QSS_ORDER_PARAM_AD ::PaperLengthMaxC QSS_ORDER_PARAM_AD ::PaperLengthMinD QSS_ORDER_PARAM_AD ::PaperLengthMaxD	1.01
Jan 16, 2009		1.02
Feb 5, 2009	When paper name is specified in PaperName, paper width and surface info is not used.	1.03

2. Scope

This document explains NetOrder 3.0.0 that has been added to EZ Controller. Supported OS are Windows 2000, XP (x32), Vista (x32), XP (x64) and Vista (x64). NetOrder 3.0.0 is available for 32- and 64-bit native applications.

3. Overview

NetOrder 3.0.0 provides applications with the functions to print on the material such as postcard, greeting card and photo book on the dry minilabs that support sheet paper and duplex printing. This document explains how to incorporate NetOrder 3.0.0 to the application. NetOrder SDK 3.0.0 is required to make these new functions available with the application.

Added functions are as follows:

- Sheet paper support
- Duplex printing
- Resolution change
- Collation

3.1. Sheet Paper Support

Printing on the sheet paper is available. Note that this function is available only with the dry minilab that supports sheet paper.

3.2. Duplex Printing

Duplex printing on the sheet paper is available with the dry minilabs that are capable of duplex printing.

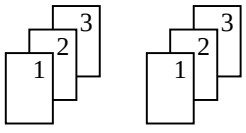
3.3. Resolution change

It is possible to change resolution and gradation for printing with respect to each paper type.

3.4. Collation

When making multiple copies of photos and/or photobooks, they can be collated for each group, which will make it easier to make photobooks and to sort prints.

Collation:



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4. Term

Dry minilab	Inkjet type minilab (e.g. M300, D701)
Fast print	When printer is ready for printing, it will not wait for the entire order to be received but start printing as soon as it finishes receiving each image within an order.

5. Structure

Structure	Structure for TCP/IP	Description
QSS_PRINTER_INFO	WSQSS_PRINTER_INFO	Store the information unique to NetOrder and the printer.
QSS_PAPER_INFO_AD	WSQSS_PAPER_INFO_AD	Store the information of available paper.
QSS_FRAME_PARAM_AD	WSQSS_FRAME_PARAM_AD	Store the image information.
QSS_ORDER_PARAM_AD	WSQSS_ORDER_PARAM_AD	Store the order information.

6. API

API	Command ID for TCP/IP		Description	Remarks
QssGetName	Request	0100H	Get the information that is unique to NetOrder and the printer from the printer.	
	Response	0110H		
QssGetPaperAD	Request	2100H	Get the information of the available paper from the printer.	Newly added API
	Response	2101H		
QssTrasmitFileAD	Request	2200H	Send the image data to the printer.	Newly added API
	Response	2201H		
QssSetOrderAD	Request	2300H	Send the order to the printer.	Newly added API
	Response	2301H		
QssSetBlankPageAD	Request	2400H	Insert a blank page. To be used to insert a blank page for photo book printing.	Newly added API
	Response	2401H		

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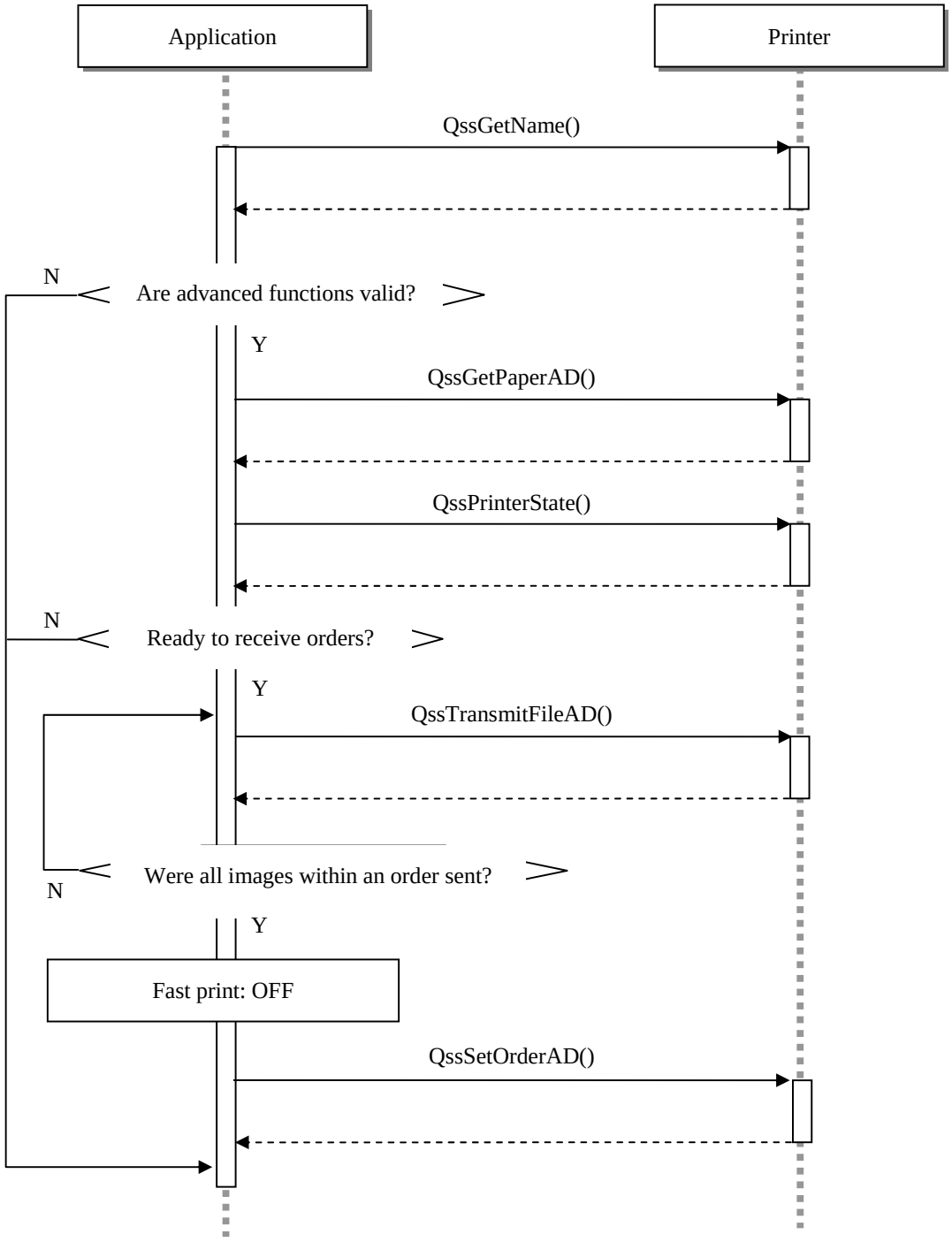
7. Sequence

Call the API when QSS_PRINTER_INFO ::EnableExtension of QssGetName() is QSS_TRUE.

- When the fast print function is not used:



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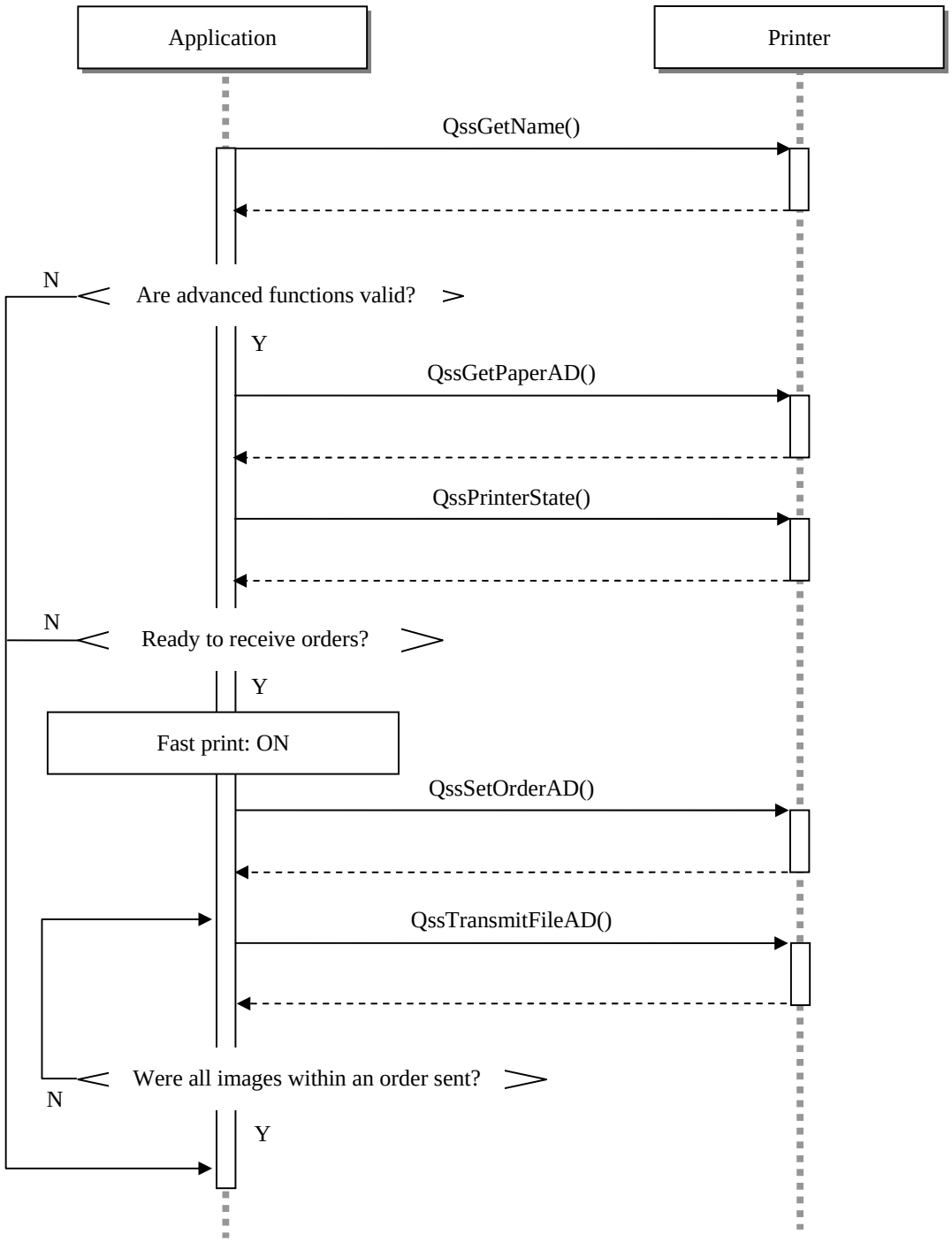
- When the fast print function is used:



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8. Reference

8.1. QSS_PRINTER_INFO(WSQSS_PRINTER_INFO)

```
typedef struct _QSS_PRINTER_INFO {
    char            Name[20];
    unsigned long   Version;
    unsigned char   IPAddress[4];
    unsigned short  SystemInfo;
    unsigned short  EnableExtension; **
    unsigned short  EnableBothSidePrint; **
    unsigned char   Reserve[30];
} QSS_PRINTER_INFO;

[For TCP/IP]
typedef struct _WSQSS_PRINTER_INFO {
    unsigned char   Name[20];
    unsigned long   Version;
    unsigned char   IPAddress[4];
    unsigned short  SystemInfo;
    unsigned short  EnableExtension; **
    unsigned short  EnableBothSidePrint; **
    unsigned char   Reserve[30];
} WSQSS_PRINTER_INFO;
```

** shows the difference from ver. 2.3.0.

Name [out]
Model name of the printer. The string is NULL terminated.

Version [out]
Version of NetOrder. The version is set in hexadecimal.
If the version is 3.0.0.0, 0x03000000 is set.

IPAddress [out]
IP address of the printer

SystemInfo [out]
Unused

EnableExtension [out]
Specify whether the advanced functions are valid. Advanced functions are available when valid.

QSS_TRUE	1	Valid. Advanced API's such as QssSetOrderAD() are available.
QSS_FALSE	0	Invalid

EnableBothSidePrint
Specify whether duplex printing is valid. Duplex printing is available when valid. You can check whether the printer supports duplex printing with this variable.

QSS_TRUE	1	Valid. Duplex printing is available.
QSS_FALSE	0	Invalid

Reserve
Unused

8.2. QSS_PAPER_INFO_AD(WSQSS_PAPER_INFO_AD)

```
typedef struct _QSS_PAPER_INFO_AD {
    unsigned short  PaperWidth;
    unsigned short  Resolut;
    unsigned short  MagazineState;
    unsigned long   PaperRemaind;
    unsigned short  Surface;
    unsigned short  PaperLengthMin;
```

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```
    unsigned short    PaperLengthMax;
    unsigned short    PaperSource; **
    char              PaperName[32]; **
    unsigned short    Borderless; **
    short             TrimTop; **
    short             TrimBottom; **
    short             TrimLeft; **
    short             TrimRight; **
    unsigned short    PaperTone; **
    unsigned char     Reserve[38];
} QSS_PAPER_INFO_AD;

[For TCP/IP]
typedef struct _WSQSS_PAPER_INFO_AD {
    unsigned short    PaperWidth;
    unsigned short    Resolut;
    unsigned short    MagazineState;
    unsigned long     PaperRemaind;
    unsigned short    Surface;
    unsigned short    PaperLengthMin;
    unsigned short    PaperLengthMax;
    unsigned short    PaperSource; **
    char              PaperName[32]; **
    unsigned short    Borderless; **
    short             TrimTop; **
    short             TrimBottom; **
    short             TrimLeft; **
    short             TrimRight; **
    unsigned short    PaperTone; **
    unsigned char     Reserve[38];
} WSQSS_PAPER_INFO_AD;
```

** shows differences from QSS_PAPER_INFO or WSQSS_PAPER_INFO.

PaperWidth [out]
Paper width (unit: 1/10 mm)

Resolut [out]
Default printing resolution (unit: 1/10 dpi)
When different printing resolutions are designated for paper with the same paper width and the same paper surface, the paper will be treated as 2 different types of paper.

MagazineState [out]
Location of the magazine installed. Refer to “NetOrder 2.3.0 API Reference”.

PaperRemaind [out]
The length of the remaining paper in the paper magazine (unit: 1/10 mm)
When it is QSS_MAGAZINE_TAKEUP, it specifies the length of paper that is taken up.
In case of the sheet paper, 0 is set.

Surface [out]
Paper surface number (range: 1 to 4)

PaperLengthMin [out]
PaperLengthMax [out]
Available range of the paper advance length (unit: 1/10 mm)
PaperLengthMin is minimum possible advance length and PaperLengthMax is maximum possible advance length.
In case of the sheet paper, the height of the resultant paper is specified for both PaperLengthMin and PaperLengthMax. With the dry minilab, the top and bottom of the paper will be cut while printing. The size that the length to be cut from the paper is excluded is specified for this variable.

PaperSource [out]

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Type of paper source. The paper type to be supplied is specified.

QSS_ PAPERSOURCE_ROLL	0	Roll paper
QSS_PAPERSOURCE_SHEET	1	Sheet paper

PaperName [out]

Paper name (32 byte)

The string is NULL terminated. In case of the roll paper, paper name is not specified.

Borderless [out]

Specify the presence of white border. In case of the roll paper, the resultant print will be always borderless.

QSS_TRUE	Borderless
QSS_FALSE	With border

TrimTop [out]
TrimBottom [out]
TrimLeft [out]
TrimRight [out]

Amount of cropping (unit: 1/10 mm)

Actual print area will differ depending on the paper type or the presence of the border even with the same paper size. When the application creates the print image of the real size, the image needs to be cropped so the image matches the print area. This variable specifies the amount of cropping, and is specified with positive value for borderless paper and with negative value for paper with border.

PaperTone [out]

Gradation

Color depth for a pixel is set as a bit value to represent the gradation of paper. To confirm which bit value is set, apply logical AND operator (&) for each bit.

QSS_PAPER_TONE_24	0 bit	24 bpp
QSS_PAPER_TONE_36	1 bit	36 bpp
QSS_PAPER_TONE_48	2 bit	48 bpp

Reserve

Unused

8.3. QSS_FRAME_PARAM_AD(WSQSS_FRAME_PARAM_AD)

```
typedef struct _QSS_FRAME_PARAM_AD {
    unsigned short    OrderNo;
    unsigned short    FrameNum;
    unsigned short    FrameNo;
    char              FileName[18];
    unsigned long     FileSize;
    unsigned long     ImageFormat;
    unsigned short    PrintSize;
    unsigned short    RepeatNum;
    unsigned short    RepeatPos;
    char              CvpString1[120];
    char              CvpString2[120];
    unsigned short    CvpFlg;
    unsigned short    PaperWidth;
    unsigned short    PaperLength;
    unsigned short    Surface;
    unsigned short    WithBorder;
    unsigned short    PaperFittingFlg;
    unsigned short    ImageXPixels;
    unsigned short    ImageYPixels;
    unsigned short    Reserve1;
    unsigned hyper    RefId;
    unsigned short    SizeRate;
    unsigned short    Rotate;
```

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```
    short           CenterX;
    short           CenterY;
    char            Reserve2[8];
    char            PaperName[32]; **
    unsigned short  Resolut; **
    unsigned short  PaperTone; **
    unsigned short  TrimStartPointX; **
    unsigned short  TrimStartPointY; **
    unsigned short  TrimSizeX; **
    unsigned short  TrimSizeY; **
    unsigned short  TrimUnitSize; **
    unsigned short  EnablePaperFittingFlg; **
    char            FrontPrintString[32]; **
    unsigned short  FrontPrintFlg; **
    unsigned char   Reserve[78];
} QSS_FRAME_PARAM_AD;

[For TCP/IP]
typedef struct _WSQSS_FRAME_PARAM_AD {
    unsigned short  OrderNo;
    unsigned short  FrameNum;
    unsigned short  FrameNo;
    char            FileName[18];
    unsigned long   FileSize;
    unsigned long   ImageFormat;
    unsigned short  PrintSize;
    unsigned short  RepeatNum;
    unsigned short  RepeatPos;
    char            CvpString1[120];
    char            CvpString2[120];
    unsigned short  CvpFlg;
    unsigned short  PaperWidth;
    unsigned short  PaperLength;
    unsigned short  Surface;
    unsigned short  WithBorder;
    unsigned short  PaperFittingFlg;
    unsigned short  ImageXPixels;
    unsigned short  ImageYPixels;
    unsigned short  Reserve1;
    unsigned hyper  RefId;
    unsigned short  SizeRate;
    unsigned short  Rotate;
    short           CenterX;
    short           CenterY;
    unsigned char   Reserve2[8];
    char            PaperName[32]; **
    unsigned short  Resolut; **
    unsigned short  PaperTone; **
    unsigned short  TrimStartPointX; **
    unsigned short  TrimStartPointY; **
    unsigned short  TrimSizeX; **
    unsigned short  TrimSizeY; **
    unsigned short  TrimUnitSize; **
    unsigned short  EnablePaperFittingFlg; **
    char            FrontPrintString[32]; **
    unsigned short  FrontPrintFlg; **
    unsigned char   Reserve[78];
```

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} WSQSS_FRAME_PARAM_AD;

** shows differences from QSS_FRAME_PARAM and QSS_FRAME_PARAM2.

OrderNo [in]
Request number. Specify any number (range: 1 to 65535)
When 65535 (0xFFFF) is specified, RefId becomes valid.

FrameNum [in]
Number of the image. Specify the number of the image included in the order (range: 1 to 9999).

FrameNo [in]
Frame number (range: 1～9999)

FileName [in]
Name of the image file (17 byte)
The string is NULL terminated.

FileSize [in]
File size (unit: byte)
Specify the file size of the image to be sent to the printer.

ImageFormat [in]
Image format. Specify the format of the image to be sent to the printer.

QSS_FORMAT_JPEG	JPEG
QSS_FORMAT_BMP	BMP
QSS_FORMAT_TIFF	TIFF
QSS_FORMAT_PHOTOSHOP	PSD

Supported format will differ depending on the printer. You can check which format is supported with SupportImageFormat of QSS_PRINTER_STATE of QssGetPrinterState().

PrintSize [in]
Print size. When duplex printing is specified, this variable will be ignored.

QSS_PRINT_SIZE_C	The values of PaperWidth, PaperLengthC, Surface and WithBorderC of QSS_ORDER_PARAM_AD are applied.
QSS_PRINT_SIZE_P	The values of PaperWidth, PaperLengthP, Surface and WithBorderP of QSS_ORDER_PARAM_AD are applied.
QSS_PRINT_SIZE_H	The values of PaperWidth, PaperLengthH, Surface and WithBorderH of QSS_ORDER_PARAM_AD are applied.
QSS_PRINT_SIZE_FREE_C	The values of PaperWidth, PaperLength and Surface of QSS_FRAME_PARAM_AD and that of WithBorderC of QSS_ORDER_PARAM_AD are applied.
QSS_PRINT_SIZE_FREE_P	The values of PaperWidth, PaperLength and Surface of QSS_FRAME_PARAM_AD and that of WithBorderP of QSS_ORDER_PARAM_AD are applied.
QSS_PRINT_SIZE_FREE_H	The values of PaperWidth, PaperLength and Surface of QSS_FRAME_PARAM_AD and that of WithBorderH of QSS_ORDER_PARAM_AD are applied.

RepeatNum [in]
Number of repeat print (range: 0 to 9999)
When duplex printing is specified, this variable will be ignored.

RepeatPos [in]
Position of repeat count printing. Specify the position to print the repeat count as CVP. When you do not want the repeat count to be printed, specify 255. With the dry minilab that supports duplex printing, this variable will be ignored.

CvpString1 [in]
CvpString2 [in]
CVP string. Specify the string to be printed as CVP. Specify the string to be printed on the 1st line of CVP printing in CvpString1, and that on the 2nd line in CvpString2. With the dry minilab that supports duplex printing, this variable will be ignored.

CvpFlg [in]

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Specify whether the printer automatically creates the CVP string to use or uses the strings specified in CvpString1 and/or CvpString2. With the dry minilab that supports duplex printing, this variable will be ignored.

QSS_CVP_AUX	Use the strings specified in CvpString1 and CvpString2.
QSS_CVP_1QSS2AUX	Use the string specified in CvpString2.
QSS_CVP_1AUX2QSS	Use the string specified inCvpString1.
QSS_CVP_QSS	CvpString1 and CvpString2 not used.

PaperWidth [in]

Paper width (unit: 1/10 mm)

Specify the width of the paper to use.

When paper name is specified in QSS_FRAME_PARAM_AD::PaperName (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperLength [in]

Paper advance length (height) (unit: 1/10 mm)

Specify the advance length/height of the paper to be printed. You can check the available range with QssGetPaperAD(). In case of printing on the sheet paper, specify the value of QSS_PAPER_INFO_AD::PaperLengthMin of QssGetPaperAD ().

Surface [in]

Paper surface.

Specify the surface type of the peper to use (range: 1-4)

When paper name is specified in QSS_FRAME_PARAM_AD::PaperName (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

WithBorder [in]

Specify the width of border. (range: 0-99, unit: 1/10 mm)

To print a print with border on sheet paper, specify borderless paper. Otherwise, the resulting border will not be of the intended width. When this variable is set to 0, QSS_ORDER_PARAM_AD::WithBorder (border width of order information) will be used.

PaperFittingFlg [in]

Paper fitting. Specify the size of the image to be printed.

When QSS_FRAME_PARAM_AD::EnablePaperFittingFlg (paper fitting flag) is 0, this variable will be ignored, and QSS_FRAME_PARAM_AD::PaperFittingFlg (paper fitting of order information) will be used.

QSS_PF_CUT	Cut (Crop) Size of image will be adjusted so that the resulting print will not include any border in it. In case the aspect ratio of image and of page is different, some part of image may not appear on the resulting print.
QSS_PF_WHOLE	Overall (Shrink) Size of image will be adjusted so that the entire image will appear on the resulting print. In case the aspect ratio of image and page is different, white border may appear on the end of the resulting print.
QSS_PF_SAME	Real (Real size) Original size of the image will be maintained with no resizing.

ImageXPixels [in]

Unused

ImageYPixels [in]

Unused

Reserve1

Unused

RefId [in]

Reference number. Specify any number. When the number exceeds 65535, RefId is used (range: 1 to 9999999999999999999).

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SizeRate [in]
Unused
Rotate [in]
Unused
CenterX [in]
Unused
CenterY [in]
Unused
PaperName [in]
Paper name (32 byte)
The string is NULL terminated. In case of printing on the sheet paper, specify the paper name of the paper information (QSS_PAPER_INFO_AD). In case of printing on the roll paper, specify NULL.
Resolut [in]
Resolution (unit: 1/10 dpi)
Specify the resolution of paper to use for printing. You can confirm the assignable values with QssGetPaperAD(). When 0 is set in this variable, the default resolution of the paper will be used.
PaperTone [in]
Gradation
Color depth for a pixel is specified to represent the gradation of paper.
You can confirm the assignable values with QssGetPaperAD().
In case QSS_PAPER_TONE_NONE is set, gradation specified on the printer will be used.

QSS_PAPER_TONE_NONE	Not specify
QSS_PAPER_TONE_24	24 bpp
QSS_PAPER_TONE_36	36 bpp
QSS_PAPER_TONE_48	48 bpp

TrimStartPointX [in]
Unused
TrimStartPointY [in]
Unused
TrimSizeX [in]
Unused
TrimSizeY [in]
Unused
TrimUnitSize [in]
Unused
EnablePaperFittingFlg [in]
Paper fitting flag
When paper fitting (QSS_FRAME_PARAM_AD::PaperFittingFlg) is not to be used, set 0. Otherwise set 1.
FrontPrintString [in]
Text string for front print (32 byte)
Specify the text string for front print. Specify any Noritsu character code and NULL-terminate the string. You may set up to 31 characters, but the number of characters to be printed will vary depending on the type of printer and the advance length of the paper.
In case QSS_FRAME_PARAM_AD::FrontPrintFlg (front print printing position) is set to “QSS_FP_NONE” (no front print), this variable will be ignored.
FrontPrintFlg [in]
Unused
Reserve
Unused

8.4. QSS_ORDER_PARAM_AD(WSQSS_ORDER_PARAM_AD)

```
typedef struct _QSS_ORDER_PARAM_AD {
    unsigned short    OrderNo;
    unsigned short    FrameNum;
```

```
    unsigned short    PaperWidth;
    unsigned short    PaperLengthC;
    unsigned short    PaperLengthP;
    unsigned short    PaperLengthH;
    unsigned short    Surface;
    unsigned short    WithBorderC;
    unsigned short    WithBorderP;
    unsigned short    WithBorderH;
    unsigned short    IndexPrintFlg;
    unsigned short    PaperFittingFlg;
    unsigned short    IndexPaperWidth;
    unsigned short    IndexSurface;
    unsigned short    CmsFlg;
    unsigned short    Reserve1;
    unsigned hyper    RefId;
    unsigned short    SorterNum;
    char              PaperName[32]; **
    unsigned short    BothSidePrint; **
    unsigned short    Copies; **
    unsigned short    Collate; **
    unsigned short    FastPrintFlg; **
    unsigned short    Resolut; **
    unsigned short    PaperTone; **
    unsigned short    PaperLengthMin; **
    unsigned short    PaperLengthMax; **
    unsigned short    PaperWidthB; **
    unsigned short    PaperSurfaceB; **
    char              PaperNameB[32]; **
    unsigned short    ResolutB; **
    unsigned short    PaperToneB; **
    unsigned short    PaperLengthMinB; **
    unsigned short    PaperLengthMaxB; **
    unsigned short    PaperWidthC; **
    unsigned short    PaperSurfaceC; **
    char              PaperNameC[32]; **
    unsigned short    ResolutC; **
    unsigned short    PaperToneC; **
    unsigned short    PaperLengthMinC; **
    unsigned short    PaperLengthMaxC; **
    unsigned short    PaperWidthD; **
    unsigned short    PaperSurfaceD; **
    char              PaperNameD[32]; **
    unsigned short    ResolutD; **
    unsigned short    PaperToneD; **
    unsigned short    PaperLengthMinD; **
    unsigned short    PaperLengthMaxD; **
    unsigned short    IndexPrintNum; **
    unsigned short    EnablePriority; **
    unsigned short    Priority; **
    unsigned short    PrintMode; **
    unsigned short    Wait; **
    unsigned short    BlankPageNum; **
    unsigned char     Reserve[6];
} QSS_ORDER_PARAM_AD;

[For TCP/IP]
typedef struct _WSQSS_ORDER_PARAM_AD {
```

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```
    unsigned short    OrderNo;
    unsigned short    FrameNum;
    unsigned short    PaperWidth;
    unsigned short    PaperLengthC;
    unsigned short    PaperLengthP;
    unsigned short    PaperLengthH;
    unsigned short    Surface;
    unsigned short    WithBorderC;
    unsigned short    WithBorderP;
    unsigned short    WithBorderH;
    unsigned short    IndexPrintFlg;
    unsigned short    PaperFittingFlg;
    unsigned short    IndexPaperWidth;
    unsigned short    IndexSurface;
    unsigned short    CmsFlg;
    unsigned short    Reserve1;
    unsigned _int64   RefId;
    unsigned short    SorterNum;
    char              PaperName[32]; **
    unsigned short    BothSidePrint; **
    unsigned short    Copies; **
    unsigned short    Collate; **
    unsigned short    FastPrintFlg; **
    unsigned short    Resolut; **
    unsigned short    PaperTone; **
    unsigned short    PaperLengthMin; **
    unsigned short    PaperLengthMax; **
    unsigned short    PaperWidthB; **
    unsigned short    PaperSurfaceB; **
    char              PaperNameB[32]; **
    unsigned short    ResolutB; **
    unsigned short    PaperToneB; **
    unsigned short    PaperLengthMinB; **
    unsigned short    PaperLengthMaxB; **
    unsigned short    PaperWidthC; **
    unsigned short    PaperSurfaceC; **
    char              PaperNameC[32]; **
    unsigned short    ResolutC; **
    unsigned short    PaperToneC; **
    unsigned short    PaperLengthMinC; **
    unsigned short    PaperLengthMaxC; **
    unsigned short    PaperWidthD; **
    unsigned short    PaperSurfaceD; **
    unsigned short    PaperNameD[32]; **
    unsigned short    ResolutD; **
    unsigned short    PaperToneD; **
    unsigned short    PaperLengthMinD; **
    unsigned short    PaperLengthMaxD; **
    unsigned short    IndexPrintNum; **
    unsigned short    EnablePriority; **
    unsigned short    Priority; **
    unsigned short    PrintMode; **
    unsigned short    Wait; **
    unsigned short    BlankPageNum; **
    unsigned char     Reserve[6];
} WSQSS_ORDER_PARAM_AD;
```

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** shows differences from QSS_ORDER_PARAM and QSS_ORDER_PARAM2.

OrderNo [in]
Request number. Specify any number (range: 1 to 65535).
When 65535 (0xFFFF) is specified, RefId becomes valid.

FrameNum [in]
Number of the image. Specify the number of the image included in the order (range: 1 to 9999).

PaperWidth [in]
Paper width. Specify the width of the paper to use (unit: 1/10 mm).
When paper name is specified in QSS_ORDER_PARAM_AD::PaperName (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperLengthC [in]
PaperLengthP [in]
PaperLengthH [in]
Paper advance length (height) (unit: 1/10 mm)
Specify the advance length/height of the paper to be printed.
You can check the available range with QssGetPaperAD(). In case of printing on the sheet paper, specify the value of QSS_PAPER_INFO_AD::PaperLengthMin of QssGetPaperAD ().

Surface [in]
Paper surface. Specify the paper surface to be printed (range: 1 to 4).
When paper name is specified in QSS_ORDER_PARAM_AD::PaperName (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

WithBorderC [in]
WithBorderP [in]
WithBorderH [in]
Border width. Specify the border width of the print (range: 0 to 99, unit: 1/10 mm).
In case of printing with border on the sheet paper, specify the borderless paper. If the borderless paper is not specified, the border width specified will not appear correctly.

IndexPrintFlg [in]
Unused

PaperFittingFlg [in]
Paper fitting. Specify the size of the image to be printed.

QSS_PF_CUT	Cut Adjust the image size so it does not generate any white border on the page. A part of image may not be printed.
QSS_PF_WHOLE	Whole Adjust the image size so the whole image is printed on the page. White border may appear on the page.
QSS_PF_SAME	Real size Images are printed with actual image data size.

IndexPaperWidth [in]
Unused

IndexSurface [in]
Unused

CmsFlg [in]
Color matching. Specify whether color matching will be applied. When color matching is performed with the application, specify QSS_CMS_OFF.

QSS_CMS_ON	Color matching will be performed.
QSS_CMS_OFF	Color matching will not be performed.

Reserve1
Unused

RefId [in]
Reference number. Specify any number. When the number exceeds 65535, RefId is used (unit: 1 to 9999999999999999999).

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SorterNum

Unused

PaperName [in]

Paper name (32 byte)

The string is NULL terminated. In case of printing on the sheet paper, specify the paper name of the paper information (QSS_PAPER_INFO_AD). In case of printing on the roll paper, specify NULL.

BothSidePrint [in]

Duplex printing. Specify whether duplex printing will be performed.

QSS_TRUE	Duplex printing will be performed. When the printer does not support duplex printing, error QSS_NOT_SUPPORT_BOTHSIDEPRINT will be returned.
QSS_FALSE	Duplex printing will not be performed.
Other それ以外	Duplex printing will not be performed.

Copies [in]

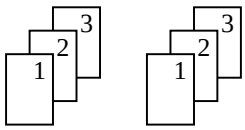
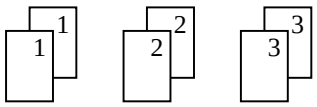
Number of copies. Specify the number of copies (range: 1 to 9999).

When the number of copies is specified, the number of copies specified for each image (QSS_FRAME_PARAM_AD::RepeatNum of QssTransmitFile()) will be ignored. When 0 is set, the number of copies specified for each image will be used.

When duplex printing is to be performed (i.e. QSS_ORDER_PARAM_AD:: BothSidePrint is set to QSS_TRUE), or collation is to be performed (QSS_ORDER_PARAM_AD::Collate is set to QSS_TRUE), this variable must be set.

Collate [in]

Specify whether to collate prints.

QSS_TRUE	When multiple copies of photobook or multiple sets of photos are printed, they will be collated as shown in the figure below. 
QSS_FALSE	No collation 
Others	No collation.

FastPrintFlg [in]

Fast print flag. Specify whether to perform fast print.

QSS_FAST_PRINT_OFF	Fast print function will not be used.
QSS_FAST_PRINT_ON	Fast print function will be used.

Resolut [in]

Specify the resolution of paper to use for printing (unit: 1/10 dpi). When 0 is set in this variable, the default resolution of the paper will be used.

PaperTone [in]

Gradation

Color depth for a pixel is specified to represent the gradation of paper. In case QSS_PAPER_TONE_NONE is set, gradation specified on the printer will be used.

QSS_PAPER_TONE_NONE	Not specify
QSS_PAPER_TONE_24	24 bpp
QSS_PAPER_TONE_36	36 bpp
QSS_PAPER_TONE_48	48 bpp

PaperLengthMin [in]

PaperLengthMax [in]

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Specify the minimum and maximum paper advance lengths to be applied to the order (unit: 1/10 mm). This variable will be used by EZ Controller to determine which printer will be used for printing the order when multiple printers are connected to EZ Controller.
"QSS_INVALID_PARAMETER" will return in the following cases:
- When 0 is set to one of these variables.
- When the PaperLengthMin value is bigger than the PaperLengthMax value.

PaperWidthB [in]

Specify the width of the paper to use for printing. (unit: 1/10 mm)
When paper name is specified in QSS_ORDER_PARAM_AD::PaperNameB (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperSurfaceB [in]

Specify the surface type of the paper to use for printing. (range: 1-4)
When paper name is specified in QSS_ORDER_PARAM_AD::PaperNameB (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperNameB [in]

Specify the paper name (32 byte).
The string must be NULL terminated. To print on sheet paper, specify the paper name in the paper information (QSS_PAPER_INFO_AD). To print on roll paper, set NULL.

ResolutB [in]

Specify the resolution of paper to use for printing (unit: 1/10 dpi). When 0 is set in this variable, the default resolution of the paper will be used.

PaperToneB [in]

Gradation
Color depth for a pixel is specified to represent the gradation of paper.
In case QSS_PAPER_TONE_NONE is set, gradation specified on the printer will be used.

QSS_PAPER_TONE_NONE	Not specify
QSS_PAPER_TONE_24	24 bpp
QSS_PAPER_TONE_36	36 bpp
QSS_PAPER_TONE_48	48 bpp

PaperLengthMinB [in]

PaperLengthMaxB [in]

Specify the minimum and maximum paper advance lengths to be applied to the order (unit: 1/10 mm). This variable will be used by EZ Controller to determine which printer will be used for printing the order when multiple printers are connected to EZ Controller.
"QSS_INVALID_PARAMETER" will return in the following cases:
- When 0 is set to one of these variables.
- When the PaperLengthMinB value is bigger than the PaperLengthMaxB value.

PaperWidthC [in]

Specify the width of the paper to use for printing. (unit: 1/10 mm)
When paper name is specified in QSS_ORDER_PARAM_AD::PaperNameC (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperSurfaceC [in]

Specify the surface type of the paper to use for printing. (range: 1-4)
When paper name is specified in QSS_ORDER_PARAM_AD::PaperNameC (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperNameC [in]

Specify the paper name (32 byte).
The string must be NULL terminated. To print on sheet paper, specify the paper name in the paper information (QSS_PAPER_INFO_AD). To print on roll paper, set NULL.

ResolutC [in]

Specify the resolution of paper to use for printing (unit: 1/10 dpi). When 0 is set in this variable, the default resolution of the paper will be used.

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PaperToneC [in]

Gradation

Color depth for a pixel is specified to represent the gradation of paper.

In case QSS_PAPER_TONE_NONE is specified, gradation specified on the printer will be used.

QSS_PAPER_TONE_NONE	Not specify
QSS_PAPER_TONE_24	24 bpp
QSS_PAPER_TONE_36	36 bpp
QSS_PAPER_TONE_48	48 bpp

PaperLengthMinC [in]

PaperLengthMaxC [in]

Specify the minimum and maximum paper advance lengths to be applied to the order (unit: 1/10 mm). This variable will be used by EZ Controller to determine which printer will be used for printing the order when multiple printers are connected to EZ Controller.

"QSS_INVALID_PARAMETER" will return in the following cases:

- When 0 is set to one of these variables.
- When the PaperLengthMinC value is bigger than the PaperLengthMaxC value.

PaperWidthD [in]

Specify the width of the paper to use for printing. (unit: 1/10 mm)

When paper name is specified in QSS_ORDER_PARAM_AD::PaperNameD (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperSurfaceD [in]

Specify the surface type of the paper to use for printing. (range: 1-4)

When paper name is specified in QSS_ORDER_PARAM_AD::PaperNameD (i.e. when the type of sheet paper to use for printing is specified), this variable will not be used, so it is not necessary to set any value.

PaperNameD [in]

Specify the paper name (32 byte).

The string must be NULL terminated. To print on sheet paper, specify the paper name in the paper information (QSS_PAPER_INFO_AD). To print on roll paper, set NULL.

ResolutD [in]

Specify the resolution of paper to use for printing (unit: 1/10 dpi). When 0 is set in this variable, the default resolution of the paper will be used.

PaperToneD [in]

Gradation

Color depth for a pixel is specified to represent the gradation of paper.

In case QSS_PAPER_TONE_NONE is specified, gradation specified on the printer will be used.

QSS_PAPER_TONE_NONE	Not specify
QSS_PAPER_TONE_24	24 bpp
QSS_PAPER_TONE_36	36 bpp
QSS_PAPER_TONE_48	48 bpp

PaperLengthMinD [in]

PaperLengthMaxD [in]

Specify the minimum and maximum paper advance lengths to be applied to the order (unit: 1/10 mm). This variable will be used by EZ Controller to determine which printer will be used for printing the order when multiple printers are connected to EZ Controller.

"QSS_INVALID_PARAMETER" will return in the following cases:

- When 0 is set to one of these variables.
- When the PaperLengthMinD value is bigger than the PaperLengthMaxD value.

IndexPrintNum [in]

Unused.

EnablePriority [in]

Order priority flag that specifies whether or not to enable order priority (QSS_ORDER_PARAM_AD::Priority). Set 0 to disable it, and 1 to enable it.

Priority [in]

Specify the priority of order. (range: 0-65535)

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This variable is only available with NetOrder ver 3.0.0 and up. With the earlier versions of NetOrder, this variable will be ignored and “QSS_PRIORITY_NORMAL” will always be applied. To use this variable, set a value bigger than 0x03000000 to QSS_CLIENT_INFO ::Version (version of client information), and set “1” to QSS_ORDER_PARAM_AD::EnablePriority (order priority flag). When QSS_ORDER_PARAM_AD::EnablePriority is not set to 1, this variable will be ignored.

QSS_PRIORITY_HIGHEST	0-99	Highest priority
QSS_PRIORITY_HIGH	100-199	High priority
QSS_PRIORITY_NORMAL	200-299	Normal
QSS_PRIORITY_LOW	300-65534	Low priority
QSS_PRIORITY_NONE	65535	No priority specified

PrintMode [in]

Specify the printing method.

QSS_PRINT_MODE_AUTO	AUTO
QSS_PRINT_MODE_PJP	PJP
QSS_PRINT_MODE_PPI	PPI

Wait [in]

Order hold flag. Specify whether or not to hold the order received.

QSS_WAIT_OFF	When an order is received, set the status of the order to “waiting to be printed”. (Start printing as soon as the printer is ready.)
QSS_WAIT_ON	When an order is received, set the status of the order to “wait (hold)”.

BlankPageNum [in]

Specify the number of blank pages to be inserted to the order when performing duplex printing. (range: 0-9999)

This variable must be set to insert a blank page for duplex printing by using the fast print function.

Reserve

Unused

8.5. QssGetPrinterInfo

Refer to NetOrder 2.3.0 API Reference.

8.6. QssGetPaperAD

```
long QssGetPaperAD (
    short      Flag,
    long       BufferNum,
    long       *PaperNum,
     QSS_PAPER_INFO_AD * PaperInfo);
```

Flag [in]

Get flag. Specify the information to get.

0	Get the information of the paper that is installed on the printer.
1	Get the information of all the available paper.

BufferNum [in]

Number of paper information to store. Specify the number of paper information (QSS_PAPER_INFO_AD) to be stored in PaperInfo.

PaperNum [out]

Return the number of the paper information.

PaperInfo [out]

Area where the paper information is stored

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8.6.1. Command for TCP/IP

Request	2100H	TQssMsg (16) / Flag (2)
Response	2101H	TQssMsg (16) / WSQSS_RESULT (32) / TotalCount (4) / SequenceNo (4) / WSQSS_PAPER_INFO_AD (100)

TQssMsg [in]
Set the header information (TQssMsg).
Flag [in]
Get flag. Specify the information to get.

0	Get the information of the paper that is installed on the printer.
1	Get the information of all the available paper.

WSSQSS_RESULT [out]
Return the result (WSQSS_RESULT).
TotalCount [out]
Return the number of the paper information.
SequenceNo [out]
Response number. The number of the response matches that of the paper information.
WSQSS_PAPER_INFO_AD [out]
Paper information

8.6.2. Return Value

Return QSS_SUCCESS when succeeded, else return QSS_FAIL. When there exists paper information that is not gotten, return QSS_REMAINING_DATA.

8.6.3. Description

Get the information of the paper that is installed on the printer or the available paper with the get flag. When 0 is specified in BufferNum, return PaperNum that the number of paper information is set. The usage is basically the same as that of QssGetPaper().

8.7. QssTransmitFileAD

```
long QssTransmitFileAD(
    QSS_CLIENT_INFO      ClientInfo,
    QSS_FRAME_PIPE       Pipe,
    QSS_FRAME_PARAM_AD       FrameParam);
```

ClientInfo
Set the caller Client information (QSS_CLIENT_INFO).

Pipe
Set the RPC pipe information (QSS_FRAME_PIPE).

FrameParam
Set the frame information (QSS_FRAME_PARAM_AD).

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8.7.1. Command Format for TCP/IP

Request	2200H	TQssMsg (16) / WSQSS_CLIENT_INFO (96) / WSQSS_FRAME_PARAM_AD (480) / Image data (Variable)
Response	2201H	TQssMsg (16) / WSQSS_RESULT (32)

TQssMsg [in]
Set the header information (TQssMsg).
WSQSS_CLIENT_INFO [in]
Set the Client information (WSQSS_CLIENT_INFO).
WSQSS_FRAME_PARAM_AD [in]
Set the frame information (WSQSS_FRAME_PARAME_AD).
WSSQSS_RESULT [out]
Return the result (WSQSS_RESULT).

8.7.2. Return Value

Return QSS_SUCCESS when succeeded, else return either of the following:

QSS_INVALID_ORDERNO	Request number is out of the range or has been already used.
QSS_ INVALID_FRAMENO	Invalid frame number
QSS_ NOT_SUPPORT_FORMAT	Image format not supported
QSS_INVALID_REPEATNUM	Invalid repeat number
QSS_INVALID_PAPER	Invalid paper When the specified paper is not found, QSS_INVALID_PAPER will be returned, too.
QSS_INVALID_PAPERFITTING	Invalid paper fitting
QSS_INVALID_PAPERLENGTH	Invalid paper length
QSS_RECEIVE_ABORT	Order was rejected or printing was cancelled
QSS_INVALID_PARAMETER	The variable set is inconsistent with paper setting of QssSetOrderAD, 0 is set to one of these variables, or the minimum value set for paper advance length is bigger than maximum value.

8.8. QssSetOrderAD

```
long QssSetOrderAD (
    QSS_CLIENT_INFO      ClientInfo,
    QSS_ORDER_PARAM_AD       OrderParam);
```

ClientInfo [in]
Set the caller Client information (QSS_CLIENT_INFO).

OrderParam [in]
Set the order information (QSS_ORDER_PARAM_AD).

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8.8.1. Command format for TCP/IP

Request	2300H	TQssMsg (16) / WSQSS_CLIENT_INFO (96) / WSQSS_ORDER_PARAM_AD (240)
Response	2301H	TQssMsg (16) / WSQSS_RESULT (32)

TQssMsg [in]
Set the header information (TQssMsg).
WSQSS_CLIENT_INFO [in]
Set the Client information (WSQSS_CLIENT_INFO).
WSQSS_ORDER_PARAM_AD [in]
Set the order information (QSS_ORDER_PARAM_AD).
WSSQSS_RESULT [out]
Return the result (WSQSS_RESULT).

8.8.2. Return Value

Return QSS_SUCCESS when succeeded, else return either of the following:

QSS_INVALID_ORDERNO	Request number is out of the range or has been already used.
QSS_INVALID_PAPER	Invalid paper When the specified paper is not found, QSS_INVALID_PAPER will be returned, too.
QSS_INVALID_FRAMENUM	Invalid frame number
QSS_INVALID_WBSIZE	Invalid white border width
QSS_INVALID_INDEXSIZE	Invalid index format
QSS_INVALID_PAPERFITTING	Invalid paper fitting
QSS_INVALID_PAPERLENGTH	Invalid paper advance length
QSS_RECEIVE_ABORT	Order rejected or print cancelled
QSS_NOT_SUPPORT_BOTHSIDEPRINT	Printer does not support duplex printing
QSS_INVALID_COPIES	Invalid number of copies
QSS_INVALID_BLANKPAGENUM	Invalid number of blank pages
QSS_INVALID_PARAMETER	The variable set is inconsistent with paper setting of QssSetOrderAD, 0 is set to one of these variables, or the minimum value set for paper advance length is bigger than maximum value.

8.8.3. Description

This API completes the order spool, and then the order is in print queue. The usage is basically the same as that of QssSetOrder().

8.9. QssSetBlankPageAD

```
long QssSetBlankPageAD (
    QSS_CLIENT_INFO ClientInfo,
    unsigned short    OrderNo
    unsigned hyper    RefId);
```

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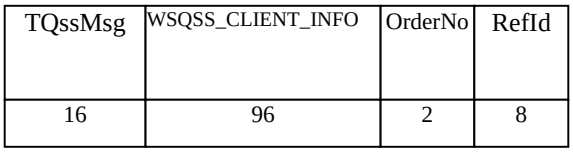
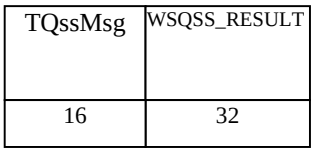
ClientInfo [in]
Set the caller Client information (QSS_CLIENT_INFO).

OrderNo [in]
Request number. Specify any number (range: 1 to 65535).
When 65535 (0xFFFF) is specified, RefId becomes valid.

RefId [in]
Reference number. Specify any number. When the number exceeds 65535, RefId is used (unit: 1 to 9999999999999999999).

8.9.1. Command for TCP/IP

Request	2400H	
Response	2401H	

TQssMsg [in]
Header information
WSQSS_CLIENT_INFO [in]
Set the Client information (WSQSS_CLIENT_INFO).
OrderNo [in]
Set the request number.
RefId [in]
Set the reference number.
WSSQSS_RESULT [out]
Return the result (WSQSS_RESULT).

8.9.2. Return Value

Return QSS_SUCCESS when succeeded, else return either of the following:

QSS_INVALID_ORDERNO	Request number is out of the range.

8.9.3. Description

This API inserts a blank page in the location called. When the fast print function is not to be used, call this API before calling QssSetOrderAD().
To use the fast print function, call this API as many times as the number of blank pages specified in order information (QSS_ORDER_PARAM_AD::BlankPageNum) of QssSetOrderAD().
When duplex printing is not specified, this API will be ignored.

For instance, if you want to make the 3rd page blank, call this API after QssTrasmitFile() of the 2nd frame is called as shown in the sequence below.

- When the fast print function is not used:

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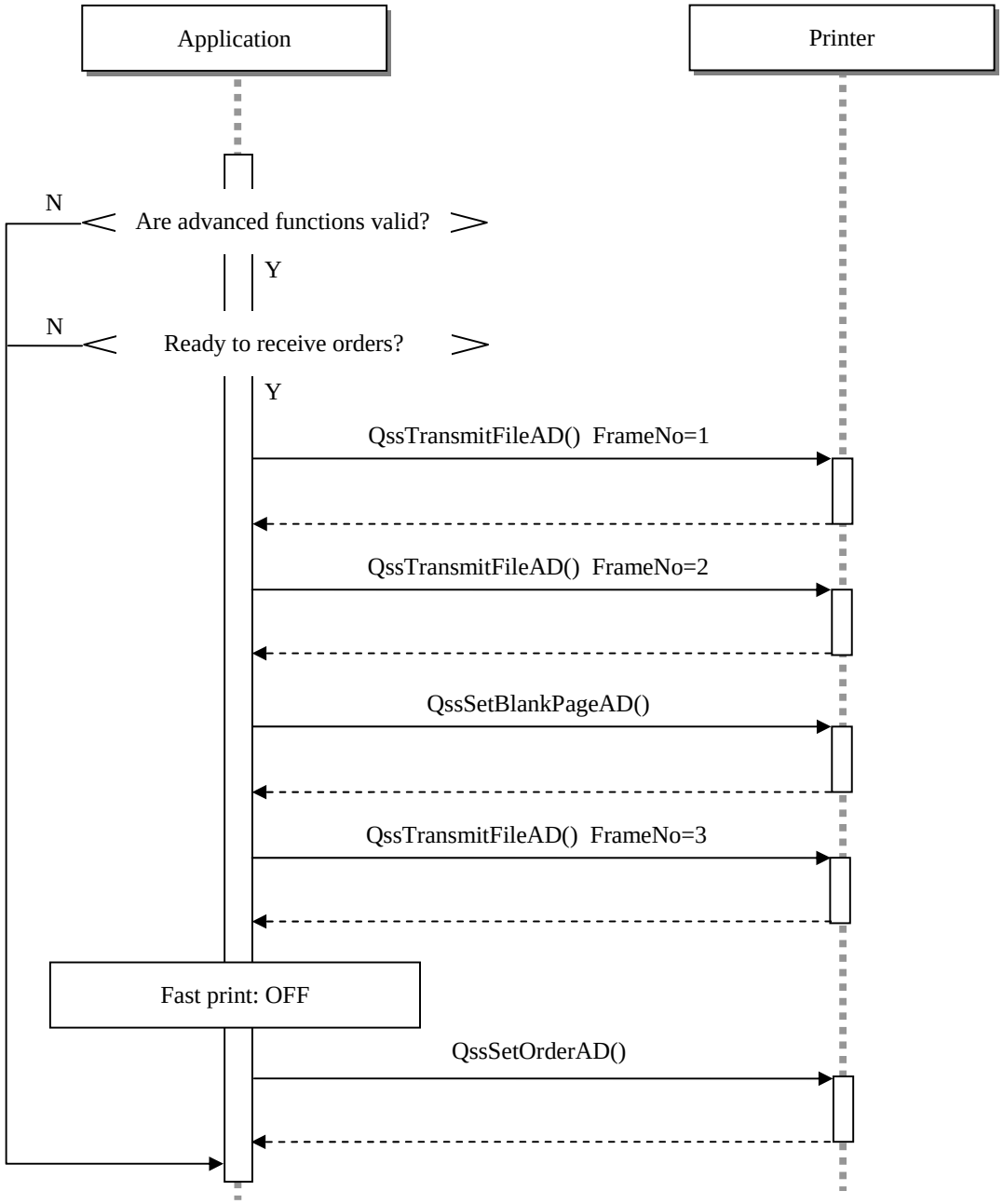

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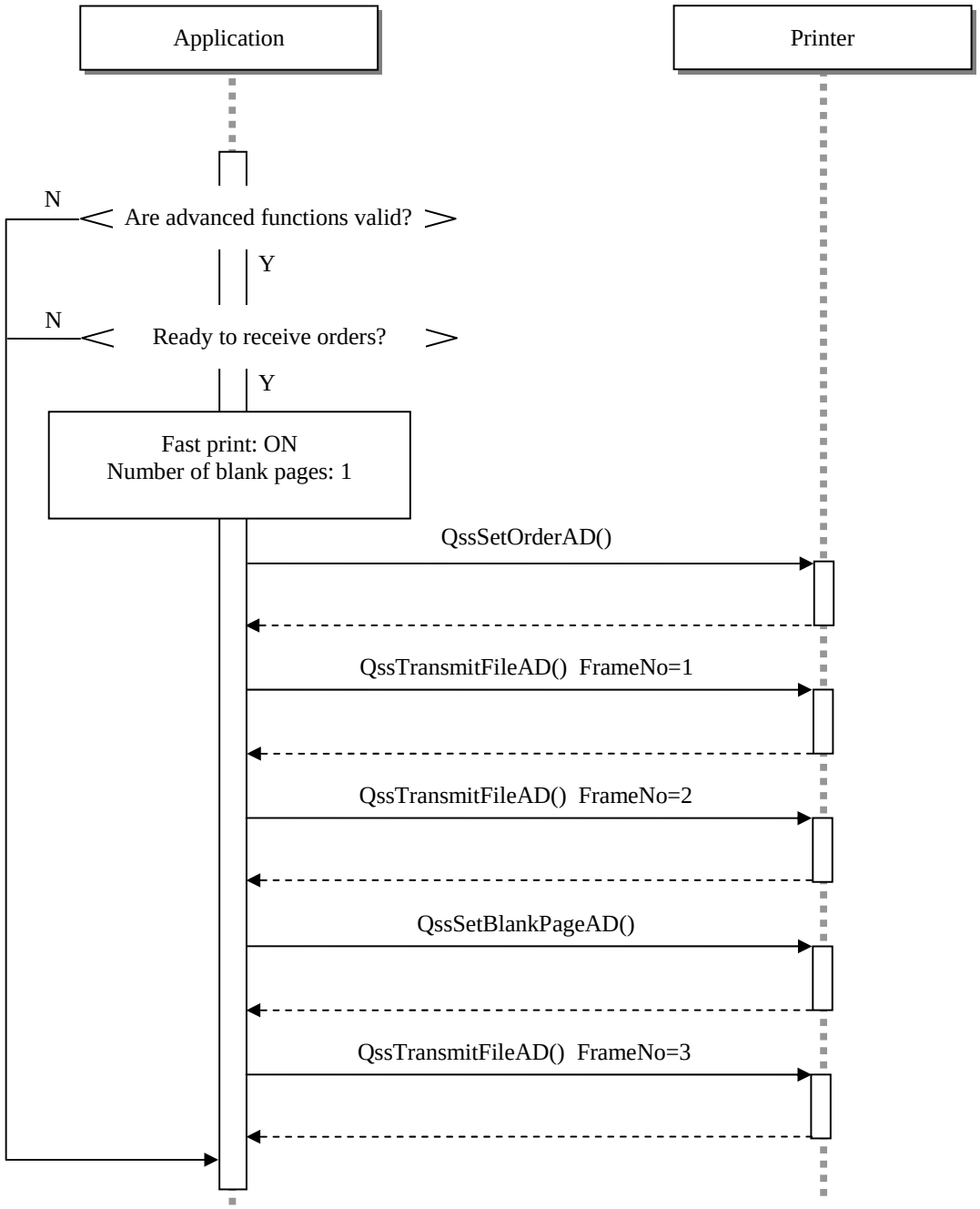
- When the fast print function is used:



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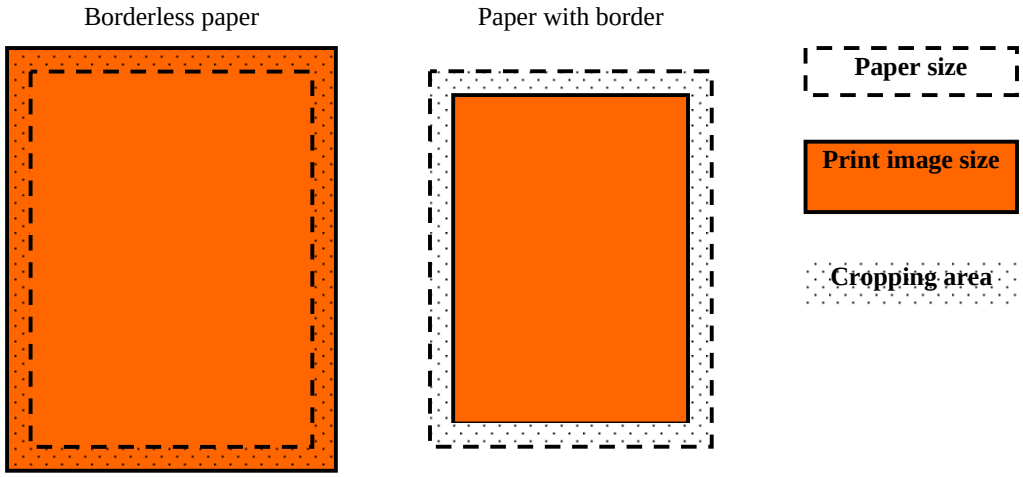
9. Note for Using the Advanced Functions

9.1. Printing on the Sheet Paper

- In case of printing on the sheet paper, specify the paper name of the sheet paper to be used in PaperName when the order is sent with QssSetOrderAD (), which specifies which type of paper (glossy, semi-glossy, etc) to use for printing.
- When you make the print image of the real size with the application, calculate the print image size so it matches the print area. The print area will differ depending on the paper type or the presence of white border. Cropping amount is specified with positive value for borderless paper and with negative value for paper with border.



How to calculate the print image size

Cropping area (top) (pixel) = TrimTop / 254 * Resolut
Cropping area (bottom) (pixel) = TrimBottom / 254* Resolut
Cropping area (left) (pixel) = TrimLeft / 254* Resolut
Cropping area (right) (pixel) = TrimRight / 254* Resolut

Print image size (width) (pixel)
= PaperWidht / 254* Resolut + cropping area (left) + cropping area (right)

Print image size (height) (pixel)
= PaperLenghtMin / 254 * Resolut + cropping area (top) + cropping area (bottom)

- In order to make a print with border, specify the borderless paper and specify the border width in QSS_ORDER_PARAM_AD::WithBorderC.

9.2. Duplex Printing

- You can check whether the printer supports duplex printing with EnableBothSidePrint of QSS_PRINTER_INFO:: of QssGetName().
- In order to perform duplex printing, specify QSS_TRUE in QSS_ORDER_PARAM_AD:: BothSidePrint and the number of copies in QSS_ORDER_PARAM_AD::Copies when the order information is sent with QssSetOrderAD ().
- In order to collate, specify QSS_TRUE in QSS_ORDER_PARAM_AD:: Collate.
- Odd page will be printed on the front and even page on back.
- Application will be responsible for printing of the binding margin and page number.

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- Print size cannot be specified per image with duplex printing. One print size will be applied for each order.
- As the dry minilab that supports duplex printing does not have the CVP unit, CVP will be invalid.

9.3. Changing resolution

- In order to switch printing resolution, set the QSS_PAPER_INFO_AD::Resolut value (default printing resolution specified in paper information) that can be obtained via QssGetPaperAD() to the following paper resolution of the frame information of QssTransmitFileAD() or order information of QssSetOrderAD().
  - QSS_FRAME_PARAM_AD::Resolut
  - QSS_FRAME_PARAM_AD::ResolutB
  - QSS_FRAME_PARAM_AD::ResolutC
  - QSS_FRAME_PARAM_AD::ResolutD
  - QSS_ORDER_PARAM_AD::Resolut
- In order to change gradation of print, set a bit value of QSS_PAPER_INFO_AD::PaperTone (paper gradation specified in paper information) that can be obtained via QssGetPaperAD() to the following paper gradation of the frame information of QssTransmitFileAD() or order information of QssSetOrderAD().
  - QSS_FRAME_PARAM_AD::PaperTone
  - QSS_FRAME_PARAM_AD::PaperToneB
  - QSS_FRAME_PARAM_AD::PaperToneC
  - QSS_FRAME_PARAM_AD::PaperToneD
  - QSS_ORDER_PARAM_AD::PaperTone

9.4. Setting up paper information

- When using 1 type of paper for printing of an order, set the paper information necessary for printing to the following variables of QSS_ORDER_PARAM_AD:
  - QSS_ORDER_PARAM_AD::PaperWidth
  - QSS_ORDER_PARAM_AD::PaperSurface
  - QSS_ORDER_PARAM_AD::PaperName
  - QSS_ORDER_PARAM_AD::Resolut
  - QSS_ORDER_PARAM_AD::PaperTone
  - QSS_ORDER_PARAM_AD::PaperLengthMin
  - QSS_ORDER_PARAM_AD::PaperLengthMax
- When using 2 different types of paper for printing of an order, set the paper information necessary for printing to the following variables of QSS_ORDER_PARAM_AD:
  - QSS_ORDER_PARAM_AD::PaperWidth
  - QSS_ORDER_PARAM_AD::PaperSurface
  - QSS_ORDER_PARAM_AD::PaperName
  - QSS_ORDER_PARAM_AD::Resolut
  - QSS_ORDER_PARAM_AD::PaperTone
  - QSS_ORDER_PARAM_AD::PaperLengthMin
  - QSS_ORDER_PARAM_AD::PaperLengthMax
  - QSS_ORDER_PARAM_AD::PaperWidthB
  - QSS_ORDER_PARAM_AD::PaperSurfaceB
  - QSS_ORDER_PARAM_AD::PaperNameB
  - QSS_ORDER_PARAM_AD::ResolutB
  - QSS_ORDER_PARAM_AD::PaperToneB
  - QSS_ORDER_PARAM_AD::PaperLengthMinB
  - QSS_ORDER_PARAM_AD::PaperLengthMaxB
- When using 3 different types of paper for printing of an order, set the paper information necessary for printing to the following variables of QSS_ORDER_PARAM_AD:
  - QSS_ORDER_PARAM_AD::PaperWidth

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- QSS_ORDER_PARAM_AD::PaperSurface
- QSS_ORDER_PARAM_AD::PaperName
- QSS_ORDER_PARAM_AD::Resolut
- QSS_ORDER_PARAM_AD::PaperTone
- QSS_ORDER_PARAM_AD::PaperLengthMin
- QSS_ORDER_PARAM_AD::PaperLengthMax
- QSS_ORDER_PARAM_AD::PaperWidthB
- QSS_ORDER_PARAM_AD::PaperSurfaceB
- QSS_ORDER_PARAM_AD::PaperNameB
- QSS_ORDER_PARAM_AD::ResolutB
- QSS_ORDER_PARAM_AD::PaperToneB
- QSS_ORDER_PARAM_AD::PaperLengthMinB
- QSS_ORDER_PARAM_AD::PaperLengthMaxB
- QSS_ORDER_PARAM_AD::PaperWidthC
- QSS_ORDER_PARAM_AD::PaperSurfaceC
- QSS_ORDER_PARAM_AD::PaperNameC
- QSS_ORDER_PARAM_AD::ResolutC
- QSS_ORDER_PARAM_AD::PaperToneC
- QSS_ORDER_PARAM_AD::PaperLengthMinC
- QSS_ORDER_PARAM_AD::PaperLengthMaxC

♦ When using 4 different types of paper for printing of an order, set the paper information necessary for printing to the following variables of QSS_ORDER_PARAM_AD:

- QSS_ORDER_PARAM_AD::PaperWidth
- QSS_ORDER_PARAM_AD::PaperSurface
- QSS_ORDER_PARAM_AD::PaperName
- QSS_ORDER_PARAM_AD::Resolut
- QSS_ORDER_PARAM_AD::PaperTone
- QSS_ORDER_PARAM_AD::PaperLengthMin
- QSS_ORDER_PARAM_AD::PaperLengthMax
- QSS_ORDER_PARAM_AD::PaperWidthB
- QSS_ORDER_PARAM_AD::PaperSurfaceB
- QSS_ORDER_PARAM_AD::PaperNameB
- QSS_ORDER_PARAM_AD::ResolutB
- QSS_ORDER_PARAM_AD::PaperToneB
- QSS_ORDER_PARAM_AD::PaperLengthMinB
- QSS_ORDER_PARAM_AD::PaperLengthMaxB
- QSS_ORDER_PARAM_AD::PaperWidthC
- QSS_ORDER_PARAM_AD::PaperSurfaceC
- QSS_ORDER_PARAM_AD::PaperNameC
- QSS_ORDER_PARAM_AD::ResolutC
- QSS_ORDER_PARAM_AD::PaperToneC
- QSS_ORDER_PARAM_AD::PaperLengthMinC
- QSS_ORDER_PARAM_AD::PaperLengthMaxC
- QSS_ORDER_PARAM_AD::PaperWidthD
- QSS_ORDER_PARAM_AD::PaperSurfaceD
- QSS_ORDER_PARAM_AD::PaperNameD
- QSS_ORDER_PARAM_AD::ResolutD
- QSS_ORDER_PARAM_AD::PaperToneD
- QSS_ORDER_PARAM_AD::PaperLengthMinD
- QSS_ORDER_PARAM_AD::PaperLengthMaxD

♦ Ensure that the paper information of QSS_FRAME_PARAM_AD is included in the paper information set up with QSS_ORDER_PARAM_AD.

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10. Note for Using the Fast Print Function

10.1. When not using the fast print function

- In order not to use the fast print function, set QSS_FAST_PRINT_OFF to QSS_ORDER_PARAM_AD::FastPrintFlg.
- In order not to use the fast print function, call QssTransmitFileAD() and QssSetOrderAD() as described below. Refer to "7. Sequence" for sequence.
  (1) Call QssTransmitFileAD() as many as number of images.
  (2) Call QssSetOrderAD().

10.2. When using the fast print function

- In order to use the fast print function, set QSS_FAST_PRINT_ON to QSS_ORDER_PARAM_AD::FastPrintFlg.
- In order to use the fast print function, call QssTransmitFileAD() and QssSetOrderAD() as described below. Refer to "7. Sequence" for sequence.
  (1) Call QssSetOrderAD().
  (2) Call QssTransmitFileAD() as many as number of images.

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