globalis international

Realizes high-quality images with world's top-class speed

The world's top-class speed scanner equipped with a wide variety of functions for use in various business situations

Equipment characteristics

High quality image realized

- Stable transport (A4: 600 sheets/min, A6: 1200 sheets/min) realized by the full flat open transport mechanism
- Open track structure that allows for easy operation
- High speed scanning of mixed-size-and-weight business forms by the reliable transport structure with air vacuum function
- High-definition image realized by high resolution camera and super luminosity LED (made by Primagest)
- High-definition color reproduction realized by Primagest's unique image processing technology and the adoption of the sRGB international standard.

A wide variety of options

A wide variety of option functions to further streamline

- Inkjet printer
- OCR recognition / barcode recognition
- MICR recognition
- Large spindle stacker
- Various types of sorters

Flexible customization

Flexible support for a variety of individual conditions

- Specialized machine that flexibly supports a variety of conditions, such as various types of business operations, and is capable of scanning special business forms and types of paper.

Feeder enables continuous processing	Business form transport mechanism	High-quality camera	Spindle socket pocket

- ▶Utilizes an ultrasound system to prevent double feeding.
- ▶Feeder that can properly feed documents of different sizes and thicknesses
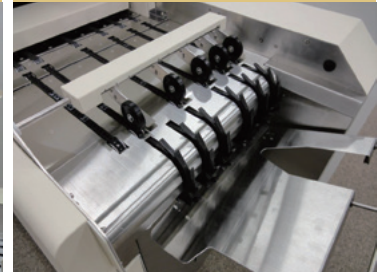- ▶Enables completive loading of documents

- ▶IJP printing with automatic position control function
- ▶Stable transport of mixed-size-and-weight business forms by air vacuum mechanism
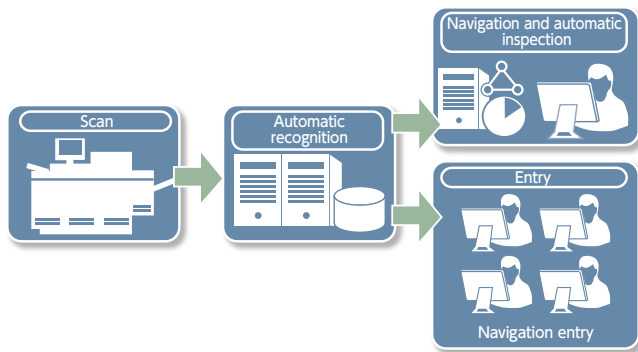- ▶Super luminosity LED allows scanning of documents at a stable brightness

- ▶High-definition image realized by high quality camera and super luminosity LED
- ▶High-definition color reproduction and a drastic improvement in the OCR recognition rate realized by Primagest's unique image processing technology

- ▶Aligns automatically using a gear system without damaging forms even at high speeds
- ▶Documents can be taken out during operation

Solutions provided by ImageValue 20

Scan → Automatic recognition → Navigation and automatic inspection

Entry

Navigation entry

ImageFocus (Search tool)

IRM (BRMS tool)

IPM (BPM tool)

Finance	Banking	Integrated office centralization imaging solutions Mortgage screening digital image workflow
	Life insurance	New business and booking solutions, Maintenance solutions, Claim application solutions, Scanning infrastructure
	General insurance	New business and booking solution, Maintenance solutions, Claim application solutions, Scanning infrastructure
	Securities	Opening of accounts and various changes, Scanning infrastructure
	Personal credit businesses	Credit card application screening, Credit monitoring solutions, Insurance claim application solutions, Scanning infrastructure
Transportation, warehouse, and distribution	Convenience stores	Utilities payment processing system
	Department stores	Gift system
	Transportation	Delivery slip processing system
Public service and healthcare	National health insurance	Medical prescription processing system
	Local government administration	Taxation processing system
Education		Digital grading, scoring and processing system

Main Specification

ImageValue 20 Series			Scanner Model (1 pocket configuration)			Scan Sorter Model (Multiple pocket configuration)			
			Model 300 IV20/300	Model 450 IV20/450	Model 600 IV20/600 (World fastest)	Straight sorter Model300 IV20SS/300	Straight sorter Model450 IV20SS/450	Straight sorter Model600 IV20SS/600	Twin (upper and lower stages) Model300 IV20TS/300
Basic configuration									
Maximum processing speed: output resolution [1] (In case of A4 size forms with 3 inch gaps)			300 sheets/min : 200dpi 300 sheets/min : 300dpi (300 sheets/min : 240dpi)	450 sheets/min : 200dpi 300 sheets/min : 300dpi (300 sheets/min : 240dpi)	600 sheets/min : 200dpi 300 sheets/min : 300dpi (300 sheets/min : 240dpi)	300 sheets/min : 200dpi 300 sheets/min : 300dpi	450 sheets/min : 200dpi 300 sheets/min : 300dpi	600 sheets/min : 200dpi 300 sheets/min : 300dpi	300 sheets/min : 200dpi 300 sheets/min : 300dpi
Document standard	Document size (length × width)		Minimum 64mm X 83mm Maximum 297mm X 420mm (A3)			Depends on the classification pocket size (IV20SS / 600 up to A4 size)			
	Document thickness [2] (ream weight)		$64.0 \sim 209.4 g/m^2$	$64.0 \sim 152.5 g/m^2$ (450 sheets/min) $64.0 \sim 209.4 g/m^2$ (300 sheets/min)	$64.0 \sim 152.5 g/m^2$ (600 sheets/min) $64.0 \sim 152.5 g/m^2$ (450 sheets/min) $64.0 \sim 209.4 g/m^2$ (300 sheets/min)	$64.0 \sim 209.4 g/m^2$	$64.0 \sim 152.5 g/m^2$ (450 sheets/min) $64.0 \sim 209.4 g/m^2$ (300 sheets/min)	$64.0 \sim 152.5 g/m^2$ (600 sheets/min) $64.0 \sim 152.5 g/m^2$ (450 sheets/min) $64.0 \sim 209.4 g/m^2$ (300 sheets/min)	$64.0 \sim 209.4 g/m^2$
	Paper quality		OCR paper, fine paper, plain paper, recycled paper, pressure-sensitive paper [3]						
Image camera basic configuration Front side only Both sides options	Camera specifications		Japan-made ultra-high-speed RGB 24bit (each 256 gray scale), high-resolution CCD color camera						
	Output resolution (Output format)		150dpi ~ 600dpi color (JPEG 24-bit), black-and-white binary (TIFF), gray (JPEG 8 bit), (JPEG2000 is optional)						
Light source	Type		Japan-made high-efficiency super luminosity LED						
Image	Function		Cropping, Skew correction, Color dropout, RGB correction, Automatic brightness correction, Window designation, Other standard						
Hopper	Capacity [4]		1500 sheets (completive loading possible) capacity						
Pocket	Number		1			3~48 4~48			8~48
	Size (to be selected at order)		Standard electric power pocket			S size (15cm) M size (30cm) L size (45cm) Multi Sorter size (30cm)			S size (15cm) M size (30cm) L size (45cm) <Option> A4 size (22.5cm)
	Capacity [4]		1000 sheets			S/M/L size 1000 sheets Multi Sorter size 500 sheets			1000 sheets
Control PC	OS	Windows	Windows 7 Professional / Windows 8 Professional (depending on the scanner or sorter model) / Windows 10 Professional						
	Interface	LAN	TCP/IP 1GB or faster						
API			A dedicated API and TWAIN driver (scanner model) are available [5]						
Energy Star support			○						
Option									
Rear image camera			It is equivalent to the front image camera						
High-speed scanning (option)			–	450 sheets/min : 300dpi 300 sheets/min : 300dpi	600 sheets/min : 300dpi 300 sheets/min : 300dpi	–	450 sheets/min : 300dpi 300 sheets/min : 300dpi	600 sheets/min : 300dpi 300 sheets/min : 300dpi	–
Numbering [8]	Before camera (Front) [6]		○	○	○	○	○	○	○
	After camera (Rear) [7]		○	○	○	○	○	○	○
Reading recognition function	Barcode	Software recognition	○						
		Hardware recognition	Reading position fixing	300 sheets / minute	300 sheets / minute	Reading position fixing	300 sheets / minute	300 sheets / minute	300 sheets / minute
	Character type [9]	Software recognition	○						
	MICR	Hardware recognition	○	○	–	○	○	–	○
Large spindle	A3, A4		○	○	○				
Equipment specifications									
Dimensions (W × D × H)			2275 × 820 × 1370mm			3720 × 820 × 1370mm (6Pkt)			4415×820×1455mm (8Pkt)
Weight (kg) [10]			267kg			545kg(6Pkt)			672kg(8Pkt)
Power Specifications (50/60Hz) (V) / (A)			Single-phase 100-240V / 30A			Single-phase 200-240V / 30A			
Temperature and humidity			16 ~ 26℃、 40 ~ 60%						

◆The product offerings are subject to change without prior notice.
◆The product names and company names listed here are the registered trademarks or trademarks of their respective companies.
*Note) The functional specifications stated on the list contain the in-house performance expressions used by our company. Some restrictions may apply. Please contact us for details about the equipment configuration, such as functions, specifications, and options.
*1 The maximum processing speed per minute is based on the condition of A4 landscape paper being transported with the standard feed setting. The maximum speed may be reduced due to conditions such as the configured options, paper quality, paper related settings, software settings, and image output sizes.
*2 The paper quality and size of the business forms may restrict conditions for the main body, shape of the sorter, and pocket specifications and so on. Make sure to conduct a test before ordering.

*3 Confirmation is needed for pressure-sensitive paper and recycled paper.
*4 The paper weight for business forms is 55 kg (A4). For A3, the pocket capacity is half that of A4.
*5 Separately, SDK and API for scanner/sorter application development are available on your request. TWAIN Interface is also provided for scanner control program.
*6 A print module before scanning. Please check the number of print lines, characters per line, and font types.
*7 A print module after scanning. Please check the number of print lines, characters per line, and font types. (Check whether left aligned or right aligned is OK.)
*8 The print quality of the IJP (Inkjet Printer) depends on the transport speed and paper quality. IJP may not print on glossy types of paper. Please check the number of print characters, print lines, and font type beforehand.
*9 Please ask Primagest about recognizable font types.
*10 The weight does not include the PC body and display. It is calculated based on the weight of the sorter with a 15 cm size pocket. (The weight will differ depending on the pocket size and configuration.)