





6 powerful models in 3 sizes: 36"-42"-60"



Mid Range Model	HD Ultra X 6050	HD Ultra X 4250	HD Ultra X 3650
Optical Resolution	1200	1200	1200
USB	USB with xDTR3	USB with xDTR3	USB with xDTR3
Gigabit Ethernet	GB with xDTR2.5	GB with xDTR2.5	GB with xDTR2.5
Max. Color Speed (ips)	8.9	8.9	8.9
Max. Mono Speed (ips)	17.8	17.8	17.8
Top Model	HD Ultra X 6090	HD Ultra X 4290	HD Ultra X 3690
Optical Resolution	1200	1200	1200
USB	USB with xDTR3	USB with xDTR3	USB with xDTR3
Gigabit Ethernet	GB with xDTR2.5	GB with xDTR2.5	GB with xDTR2.5
Max Color Speed (ips)	17.8	17.8	17.8
Max Mono Speed (ips)	17.8	17.8	17.8



Three available solutions

 The various solutions adapt to the way you work and fit seamlessly into your workflow



Operate your Nextimage software from a PC separate from the stand



Remote control Nextimage software from your tablet with Nextimage Remote app



Operate Nextimage software directly on your scanner





Large format scanning. Redefined.

Productivity Highest productivity in Large Format Scanner

Flexibility

Easily adjusts to a

variety of media types,

thickness and sizes

Workflow Designed for the way you work Quality Best color match, sharp and crystal clear scans



Highest productivity for a large format scanner

- Scan width up to 60" + original width 61.8" (1570 mm)
- Productivity 875 scans / per hour
- True size detection
- Speed 17.8 ips @ 200 dpi
- DataTransfer technologies
 - GB Ethernet xDTR2.5
 - USB 3.0 SuperSpeed xDTR3
- Gbit throttling buffer control
- Speed matched roller system
- Instant-ON from state-of-the-art LED lighting
- Center and side loading







More performance. More power. More productivity.

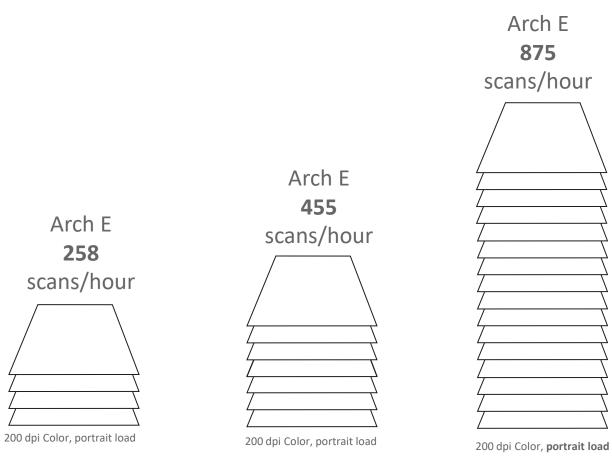
	HD Ultra 3690 /4290	HD Ultra X 3690 / 4290
	Speed ips	Speed ips
200 dpi RGB color 200 dpi Grey scale /	8.0	17.8
monochrome	12.0	17.8
	HD Ultra 36 / 42	HD Ultra X 36 / 42
	Width inches/ mm	Width inches/ mm
Scan width	36''/ 42'' (1067 mm)	36''/ 42'' (1067 mm)
	, , ,	
Width of original	43.3" (1100 mm)	43.3" (1100 mm)

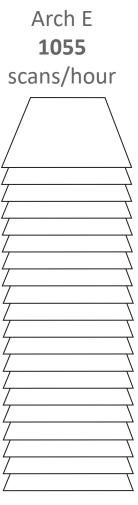
More than 2X faster in color!





Produce more - in less time





200 dpi Color, landscape load







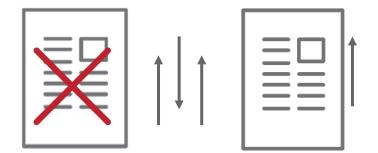


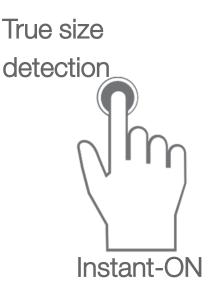




Save valuable seconds

- True size detection
- HD Ultra X detects the paper width on the fly. No wasted time. No shoe shine but instant width detection.
- No more backwards and forwards movement of document while feeding it into the scanner.
- Just load and scan.
- Instant-ON
- Scanner wakes on paper load and turns its lights on ONLY when scanning.
- New environment friendly LED lights turn on instantly.
- No warm-up. No waiting.









Let the data transfer rate match the actual speed you feed in the scans

X2 faster with USB 3.0 SuperSpeed with xDTR3

- Fastest data transfer of any scanner on the market
- Higher ROI

60% faster Gbit-Ethernet transfer rate with XDTR 2.5

- Faster transfer rate than with xDTR2 (in HD Ultra)
- New improved electronics

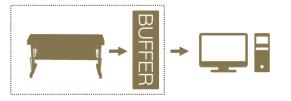
Stop-free scanning

• 1GB extreme buffer eliminates the scanner from pausing. Maintain your scan speeds and meet those deadlines

USB 3.0 SuperSpeed with xDTR3

> Gbit - Ethernet xDTR2.5 60% faster

Gbit throttling buffer control







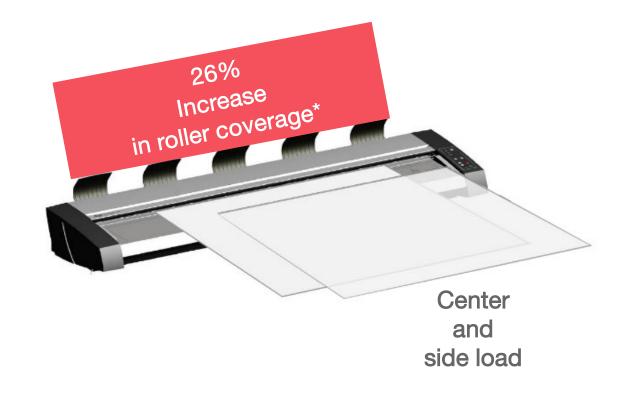
Improved feed in of scans – total time saver

Contex Speed Matched Roller System compensates for the increased scan speed.

- Less chance of a skewed load. Increased productivity.
- Easier and faster to load your material.

Let the user choose - Center or side load whatever works best for you.

- Adjustable paper guides for precise positioning of smaller documents.
- Scan the way that that is best for your workflow.







Best color match, sharp, crystal clear scans

- Static Free Touchless Glass System New white background design and new glass plate design
- Contex Perfect Light very latest LED technology
- Fujifilm Camera lenses
- Always sharp large depth of focus from new 5th Generation CCD optics - 1200 dpi







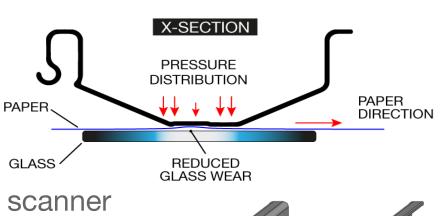
Static Free Touchless Glass System

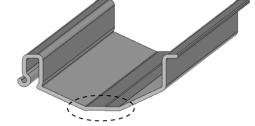
New design of white background pressure plate – the pressure point is out of the scanning line.

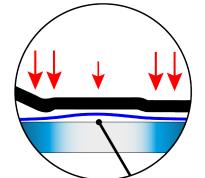
- Hipped white background profile applies paper pressure away from the scan line.
- Reduced maintenance costs from replacing worn scanner glass.
- Reduced downtime from fitting or waiting for new scan glass replacement.

Glass plate – Minimal-friction, floating transport design.

• New quick-release magnetic scan glass system means replacement or cleaning is easier and faster than ever.











LED light that lasts the scanners lifetime

No need to use time, energy or money to change the light source in the HD Ultra X series.

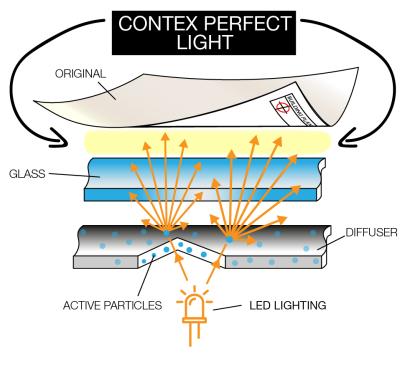
- The LED light source the Contex HD Ultra X series uses, lasts the whole scanner lifetime.
- No downtime from changing light source.







Leader in color reproduction with Contex Perfect Light



Natural light is diffused light

 When objects are illuminated in everyday life the light is usually diffused light. Light is diffused as it passes through clouds and bounces off buildings and other objects that surround us.

Perfect light in a large format scanner

 Contex Perfect Light in HD Ultra X comes from engineers carefully selecting the very latest in light-emitting diode technology (LEDs) and combining this with specially developed diffusion filters.



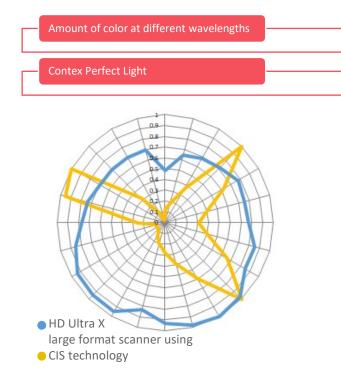
Leader in color reproduction with Contex Perfect Light

Color Temperature (Kelvin)

- We upgraded the light source in the HD Ultra X from fluorescent lights to a more eco-friendly LED light source.
- Using the highest quality LED lights on the market and the latest Contex CCD technology, our research shows that the optimal color reproduction is already achieved at 4000 Kelvin.

Only a high Color Rendering Index ensures accurate colors

- CRI (Color Rendering Index) is an indicator of how close artificial color reproduction is compared to natural light. Natural light has a CRI of 100 (indicated by the circle to the right).
- A Contex HD Ultra X scanner uses a light source with a high CRI CRI (more than 90). Compensated by the perfect light system, this is by far the highest CRI amongst CCD large format scanners.







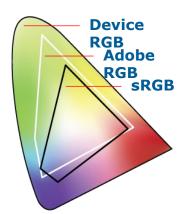
Freedom of color space



Adobe RGB:

The preferred choice for color professionals who need the maximum number of colors from the scanning process and is the best choice for high-quality printing. sRGB color space is best for display viewing and general printing.

ICC profiles work to ensure accurate color reproduction on your chosen device (the device must be able to support selected color space).



Device RGB

Contains all possible colors obtainable from the scanner. Uses scanner ICC profile.

sRGB

The default scanner color space providing all-round, high-performance color.





Extra sharp details - Best quality scans with best quality lenses

Custom made lenses by Fujifilm.

- Using lenses specially selected to support the size and resolutions used in the HD Ultra X series scanner. This avoids the uneven sharpness and chromatic distortions that can occur when using cheaper, smaller lenses.
- Contex CCD's are Quadlinear which means we have a red, green, blue and black channel on our CCD's. This gives us the truest grayscale and monochrome. Our closest competitor uses Tri linear CCD's which mean they only have red, green and blue and must get their monochrome and grayscale from the green channel which does not reproduce the best mono or grayscale.
- Contex has always used Fujifilm lenses in its CCD scanners.

Optical resolution 1200 dpi – max resolution.

• Sharper images.





ALE - Accuracy Lens Enhancement

- ALE allows electronic correction of spherical errors in CCD-based camerascanning systems.
- ALE maintains precision across any two points of the scan line

 exceeding even the most rigid requirements in the industry.
- Contex is the only brand to use lens spherical correction technology and large lenses to keep optical distortion to the minimum level achievable.







Reduced risk of streaks

New anti-static steel feed table

- Stops dust particles becoming charged and sticking to the glass causing streaks in the scanned image.
- Reduces wear of glass surface from abrasive charged particles being dragged across the scan area - lower maintenance.
- Better for scanning Mylar and polyester originals.







Key technologies



AccuColor -To get the best results, your scanner and software should work with full 48-bit data. Where other scanners ignore some of this data, the HD Ultra is the world's large format scanner with true 48-bit color capture.



ALE - stands for "accuracy lens enhancement," and is a technology that corrects spherical errors in CCD-based scanners. The result is improved accuracy, which is especially important for GIS specialists and others involved in quality assurance and verification.

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FlexDoc - Combining automatic thickness adjustment control (ATAC), all wheel drive (AWD), automatic contour correction and a new paper pressure adjustment, Flex- Doc enables you to scan anything from newspaper-thin documents to posters on foam boards, gator boards and other bulky documents up to 0.6" thick.

EXSISTING, PROVEN GREAT



FlexFeed - With removable, no-rewind paper return guides, right-side loading, a funnelshaped feeder, and a convenient new exit tray, FlexFeed takes the hassle out of scanning any document, even up to 60" wide.



SnapSize - makes it faster and easier to switch between different-sized documents by eliminating the need for manual software adjustments. Precision optical paper sensors register your document size and adjust the required settings automatically.

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SmartShare - This allows all users in a workgroup to operate the scanner from their own computer via Ethernet.





Key technologies

New & Improved

- USB 3.0 Superspeed xDTR3 We have adapted our xDTR technology to work with the USB 3.0 SuperSpeed protacol increasing its perfomance drastically.
 Contex Perfect Light comes from engineers carefully selecting the very latest in light-emitting diode technology (LEDs) and combining this with specially developed diffusion filters.
- Gigabit Ethernet 2.5 xDTR2.5 Optimised for up to 100 MB per second
- Gbit throttling buffer control Extreme Buffer of 1 GB for smooth data transfer
- Contex True Size Detection HD Ultra X finds the paper width as it scans. No wasted time. No shoe shine but instant width detection. No more backwards and forwards movement of document while feeding it into the scanner. Just load and scan.
- Contex Speed Matched Roller System Contex Speed Matched Roller System compensates for the increased scan speed. Less chance of a skewed load. Increased productivity.

- Static Free Touchless Glass System Enjoy virtually scratch free glass plates thanks to the new design of white background pressure plate in the HD Ultra X. The pressure point is out of the scanning line helping it stay free from scratches. The Minimal-friction, floating transport design of glass plate with new quick-release magnetic scan glass system, makes replacement or cleaning of class plate easier and faster than ever.
- Feather mode Protect your documents use the right pressure for delicate document types. Adjust the Paper Pressure with the feather mode switch.
- ✓ OTAC Optimal Thick Adjustment Control. With one press of a lever, raise and lower the OTAC to suit required media thickness. It is very fast.





Others meet certifications -Contex goes further

Certificates set us the minimum standard.

- New products exceed the latest Energy StarTM power consumption standards.
- RoHS compliant
- CE, cUL, Customs Union(EAC), Ukr, VCCI (Japan), FCC Class A.

Committed to exceeding green policies wherever possible.



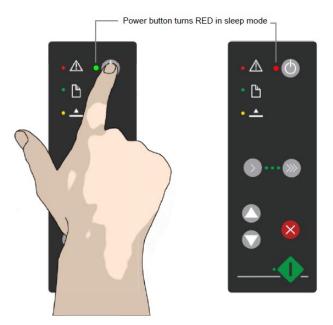




Reduce electricity costs

Choose Contex for a more green tomorrow.

- Latest Energy Star TM rating for the greenest energy credentials in large format scanning.
- CCD doesn't have to mean long warm-up times and expensive, difficult to dispose of fluorescent tubes.
- Instant-ON Scanner 'sleeps' between scanning activity with no impact on scan quality. Insert paper to wake scanner.

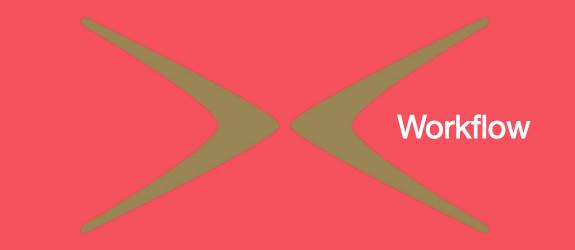






Designed for the way you work

- New Touch panel
- Contex AIO app
- ScanStation PRO



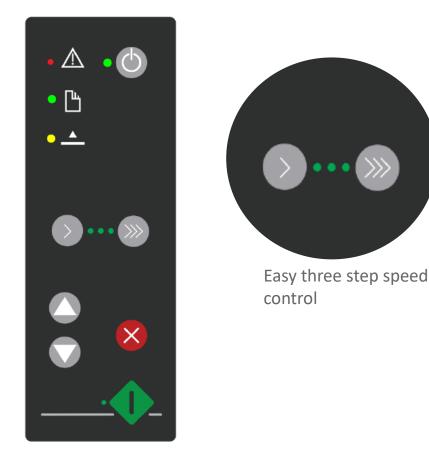




Intuitive new touch panel design

- Quick and easy scan speed adjustment directly from the touch panel. Great for productivity.
- Three speeds.

New Touch panel





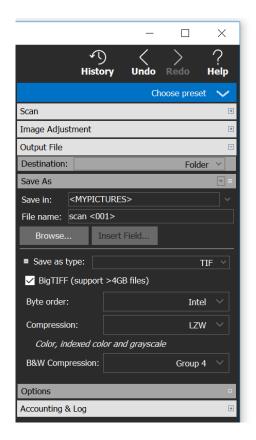


Nextimage 5 - Big TIFF

- Overcome the 4GB TIFF file size boundary
- Support for import in many of the largest image editor applications
- New live auto size without "shoe shining"

Nextimage 5 - Live Auto Size

• New live auto size without "shoe shining"



Scan	E
Input size:	Auto 🗸 =
Width: 1.0 🖨 cm 🗹 Auto	
Length: 1.0 🌻 cm 🗹 Auto	
Options	
Oversize: 0 🖨 %	
Auto size to:	Any Size \vee





Nextimage Remote app





With the Nextimage Remote app on your tablet you can control and operate your Nextimage scan and copy presets remotely via Wi-Fi and save valuable time.





Nextimage Remote app

- With the Nextimage Remote app on your tablet you can control and operate your Nextimage scan and copy presets remotely via Wi-Fi.
- Nextimage Remote allows the scanner to be moved away from the scanner PC for maximum convenience and user comfort.
- The app can vastly reduce the number of times the operator needs to move between the scanner and the workstation.

That way, Nextimage Remote helps you improve your workflow and become more productive.





Easily adjusts to a variety of media types and sizes

- OTAC thickness adjustment
- Feather mode for delicate originals
- Thick media focus Depth of focus 7 mm
- Anti-static steel feed table

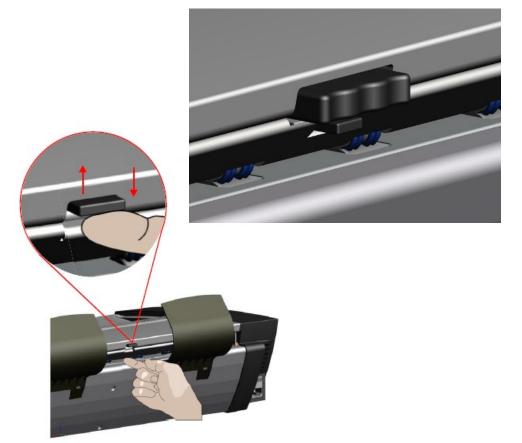






Instant adjustment to paper thickness and paper type

- 2 levers behind the scanner
- OTAC Optimal Thick Adjustment Control.
- With one press of a lever, instantly raise and lower the OTAC to suit required media thickness. It is very fast.
- Paper Pressure Adjustment with the feather mode.
- Protect your documents use the right pressure for delicate document types.







Sharp scan of documents with uneven document structure

- Old documents, delicate or thick, rigid originals with wrinkles, creases and irregularities in structure, are a sharpness challenge for any scanner.
- With HD Ultra X, CCD technology and a depth of focus up to 7mm, 0.28 inches gives room for much more unevenness in document structure.



 CIS scanning technology is simpler to manufacture but the depth of focus is limited to less than 1mm.







Technology

Width

Scan speed

USB xDTR

Gbit

Optical resolution



- CCD
- 60" 1524 mm (6" wider)
- 17.8 ips 200 dpi RGB color
- USB E3.0 SuperSpeed xDTR3
- Gbit Ethernet xDTR2.5
- 1200 dpi





- 54" 1372 mm
- 3.0 ips
- USB xDTR
- Gbit Ethernet
- 600 dpi





Technology

Width

Scan speed

USB xDTR

Gbit

Optical resolution



- 42" 1067 mm
- 17.8 ips 200 dpi RGB color
- USB 3.0 SuperSpeed xDTR3
- Gbit Ethernet xDTR2.5
- 1200 dpi





- 42" 1067 mm
- 8.0 ips
- USB xDTR
- Gbit Ethernet
- 1200 dpi





VS.









	Contex HD Ultra X 4290	Rowe Scan 850i HA- 80 – 44"	Image Access WideTEK 44-600	Image Access WideTEK 48CL-600
Technology	CCD	CIS	CCD	CIS
Scan width	42'' 1067 mm	44" 1118 mm	44" 1118 mm	48'' 1220 mm
Scan speed (brochure)	17.8 ips ¹	15.09 ips ²	11.2 ips	7.5 ips
Optical resolution	1200 dpi	1200 dpi	600 dpi	1200 dpi
Max thickness	0.6" 15mm	1.18" 30mm	0.1" 3mm	0.1" 2.5mm
Productivity (typical)	875 ³	267 ³	N/A	N/A

¹ True 200dpi at full scanner width

² Turbo 200dpi at unspecified document width. Measured maximum at A0 10 ips

³ A0 200dpi RGB PDF, 10 documents, typical conditions





VS.







	Contex HD Ultra X 6000	Rowe Scan 850i HA 80 - 66"	Image access WideTEK 60CL-600
Technology	CCD	CIS	CIS
Scan width	60'' 1524 mm	60'' 1524 mm	60'' 1524 mm
Scan speed (brochure)	17.8 ips ¹	15.09 ips ²	10 ips ⁴
Optical resolution	1200 dpi	2400 x1200 dpi	1200 x 1200 dpi
Max thickness	0.6″ 15mm	1.18" 30mm	0.1″ 2.5mm
Productivity (typical)	875portrait / 1067 landscape ³	267 ³	N/A

¹ True 200dpi at full scanner width

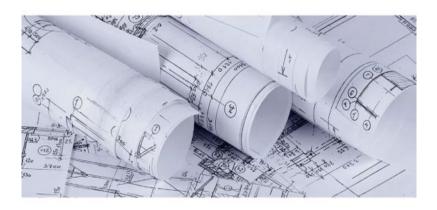
² Turbo 200dpi at unspecified document width. Measured maximum at A0 10 ips

³ A0 200dpi RGB PDF, 10 documents, typical conditions





Competition





Speed versus Throughput: How to Gain Productivity

Questions to Ask When Evaluating Your Next Wide Format Scanner



2018



Speed **≠** Productivity

"Speed and productivity <u>ARE</u> <u>NOT</u> the same. Productivity makes money and saves time."

— Steve Blanken, General Manager, Contex Americas





Throughput

Productivity



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The Top 5 issues that Effect Productivity

- Operator Efficiency
- Scanner Software
- Scanner Hardware
- Scanner Connection
- Computer Hardware







Competition The Top 5 issues that Effect Productivity

Operator Efficiency:

- Does the operator understand how to run the system completely or partially?
- How much paper handling (originals) does the operator have to do, pre-scan and post scan? (efficient paper handling alone can reduce the speed of a device up to 15%)
- How much file handling do they have to do with the scanned file, do they have to move the file to another location after it is scanned, do they have to QA the file, do they have to index the file?
- Do the hardware ergonomics make sense (i.e are both the computer and scanner easy to operate efficiently together for the operator.)

Scanner Software:

- Is the scanner software optimized for fast batch scanning and or fast copying, nesting and set printing?
- Does the software perform image quality corrections on the fly?
- Will the software autorotate, auto align and auto deskew for optimal production?
- Are their powerful production tools in the software (i.e. color management, file indexing, presets that can be easily edited, Accounting, Reimage technology and twain?
- Does the software address all of the printer functions in the native printer language?
- Does the software easily integrate to the network?
- 48 bit color capture and 48 bit raw file delivered back?





Competition The Top 5 issues that Effect Productivity

Scanner Hardware:

- Is the scanner built and optimized for fast batch scanning and copying?
- Once set for batch scanning mode or copying can you continuously feed originals or does the operator have to interact with the scanner after each scan, or do you have to wait for the scanner to finish processing the previous scan (other than feeding the original if you have to interact with the scanner after each scan or wait for it to finish processing the previous scan it should not be considered a production machine).
- Is the auto sizing accurate in both scan and copy mode?
- Does the scanner need additional software to do batch or production scanning?
- Can the scanner handle thicker originals if required?

- Does the scanner use state of the art 4 (Quad linear) channel CCD technology in their cameras (Red Green Blue and Black). This technology is extremely important for accurate color, monochrome and grayscale reproduction. If there is no dedicated black channel then the scanner is using the green channel to produce monochrome and grayscale and that is not a true black or grayscale image).
- Will the scanner scan a 48 bit color file and deliver back a 48 bit color file?
- Will the scanner scan a 16 bit gray scale file and deliver back a 16 bit grayscale file.
- If the scanner technology is CIS (Contact Image Sensor) will it still capture 48 bit color files?
- If the scanner technology is CIS (Contact Image Sensor) will it still capture 16-bit grayscale files?
- What is the true optical resolution of the scanner and will it scan 1 DPI increments up to the maximum resolution.





Competition The Top 5 issues that Effect Productivity

Scanner Connection

- How old is the computer?
- How much Ram in the computer?
- What version operating system are they using?
- Does the PC or on board controller have a solid-state drive or spinning hard drive?
- How much "bloatware" is installed on the computer?

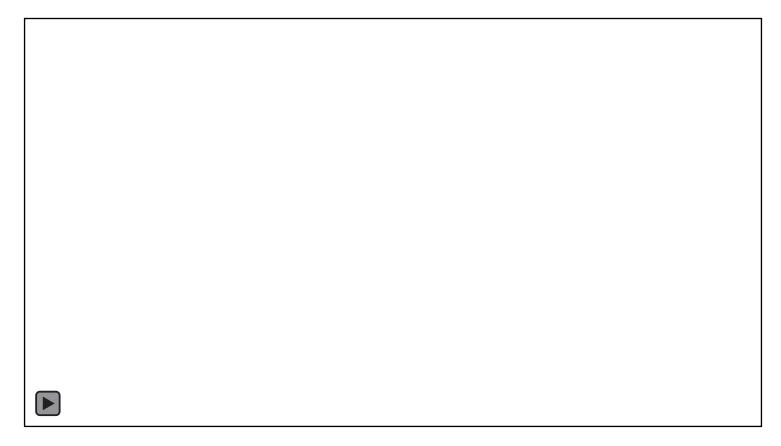
The Computer Hardware

- How old is the computer?
- How much Ram in the computer?
- What version operating system are they using?
- Does the PC or on board controller have a solid-state drive or spinning hard drive?
- How much "bloatware" is installed on the computer?





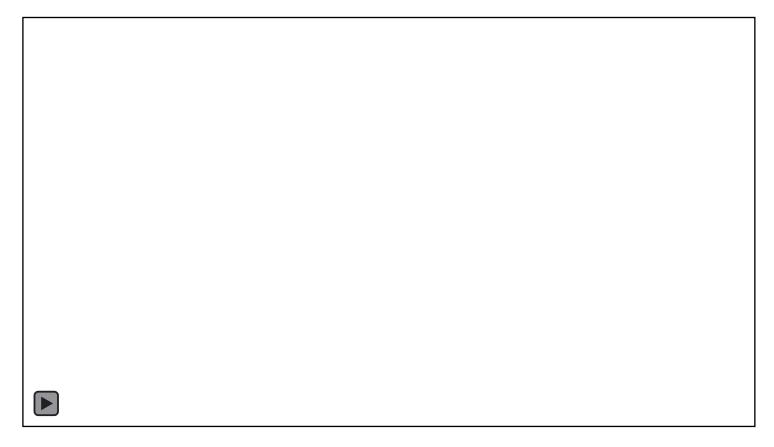
HD Ultra X 6000 - 600 DPI





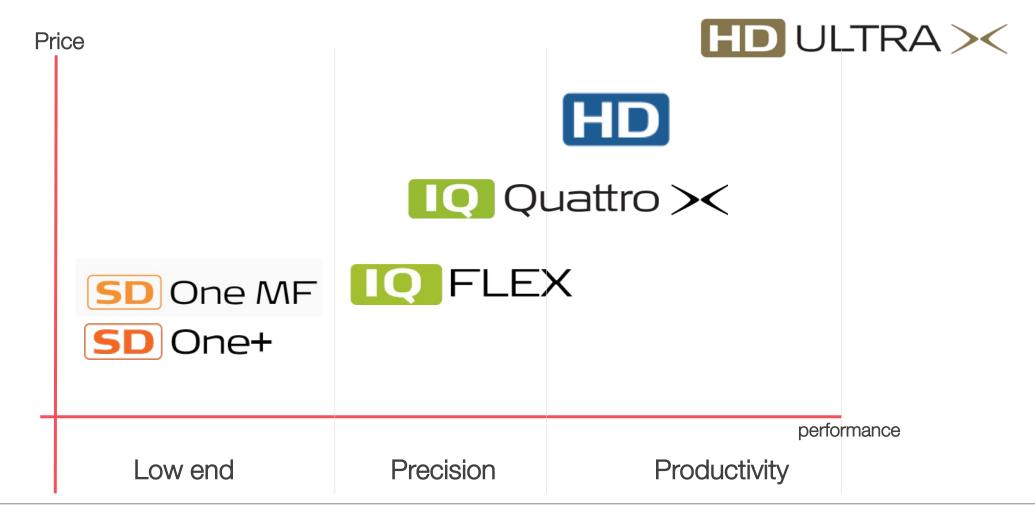


HD Ultra X 6000 - 600 DPI





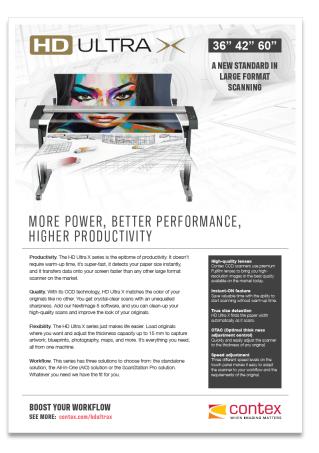
Produce more -> better economics







Datasheet – marketing material



- A4 size poster
- Datasheet
- Web texts
- Pictures





Technical specifications (1/2)

HD ULTRA >< SERIES

	HD ULTRA X 6050	HD ULTRA X 6090	HD ULTRA X 4250	HD ULTRA X 4290	HD ULTRA X 3650	HD ULTRA X 3690
Maximum soan width	60 inches (1524 mm)		42 inohes (1067 mm)		36 inohes (914 mm)*	
Working height ¹	36.3 / 37.3 / 38.3 inohes (922 / 947 / 972 mm)					
SCANNING SPEED ² (INCH/SEC) At ma	ximum soan width o	f soanner				
200 dpi RGB oolor	8.9	17.8	8.9	17.8	8.9	17.8
Upgradeable	Yes, to 17.8		Yes, to 17.8		Yes, to 17.8	
200 dpi graysoale/monochrome	17.8		17.8		17.8	
PRODUCTIVITY (DOCUMENTS/HOUR)	Batoh soanning for	60 minutes (200 dp	i). Inoludes paper loa	ad and ejeot time. N	leasured in oomplet	ed soans
Aroh E-size, portrait, RGB color Aroh E-size, portrait, monochrome	519 875	875	519 875	875	519 875	875
Aroh E-size, landsoape, RGB oolor Aroh E-size, landsoape, monoohrome	642 1055	1055				
A0-size, portrait, RGB oolor A0-size, portrait, monochrome	537 903	903	537 903	903	537 903	903
A0-size, landsoape, RGB color A0-size, landsoape, monochrome	693 1057	1057				
Maximum media width	61.8 inches (1570 mm) 43.3 inches (1100 mm)					
Optical resolution	1200 dpi					
Maximum resolution	9600 dpi					
CCD oameras	7 x 4 linear color CCDs (RGB and gray)		5 x 4 linear oolor CCDs (RGB and gray)			
Depth of foous	0.3 inohes (7 mm)					
Maximum media thiokness	0.6 inohes (15 mm)					
Total number of pixels	299040 pixels		213600 pixels			





Technical specifications (2/2)

Optical resolution	1200 dpi				
Maximum resolution	9600 dpi				
CCD cameras	7 x 4 linear color CCDs (RGB and gray)	5 x 4 linear color CCDs (RGB and gray)			
Depth of foous	0.3 inohes (7 mm)				
Maximum media thiokness	0.6 inohes (15 mm)				
Total number of pixels	299040 pixels	213600 pixels			
Aoouraoy	0.1% +/- 1 pixel				
Data oapture (oolor/mono)	48-bit oolor / 16-bit graysoale				
Color space	Adobe RGB, Device RGB, RAW RGB, ⊗RGB				
Connectivity	USB 3.0 with xDTR3, Gigabit Ethernet with xDTR2.5				
Network workflow	Push-pull				
Software ³	WIDEsystem (driver), Nextimage 5, Nextimage Remote tablet app (free download for iOS and Android)				
File formats ⁴	Big TIFF, TIF, JPG, PDF, PDF/A, DWF, CALS, BMP, JPEG-2000(JP2), JPEG2000 Extended(JPX), TIF-G3, TIF-G4, multi-page PDF and others				
Operating systems	Windows 11 64-bit, Windows 10 32-bit and 64-bit				
Nextimage TWAIN	64-bit TWAIN application driver included for use with EDM and other imaging software				
Weight and dimensions	62.5 kgs (173.8 lbs) / LxWxH: 1810 mm (71'') x 540 mm (21'') x 279 mm (11'')	49.3 kgs (109 lbs) LxWxH: 1360 mm (53.6'') x 540 mm (21'') x 279 mm (11'')			
Power consumption (ready/sleep/scan)	Max 39W / <1W / 130W (built-in power supply)				
Certifications/compliance	RoHS, REACH, oUL, CE, Customs Union, CCC, VCCI, ENERGY STAR® certified				
Country of origin	Designed and engineered in Denmark, manufactured in China				
TAA oompliant soanner	TAA compliant scanners are for US customers only and are assembled in Denmark				

* = Upgradable to 42 inches (1067 mm)

1. Requires optional scanner stand.

 Contex recommends Intel Core i5, AMD Ryzen 5 5500, or better 64-bit processors, 16 GB RAM and SSD SATA drive, min. USB 3.0 or Gigabit Ethernet. Speed tests performed using Nextimage software, PC with Intel Core i7 4770K 3.5 GHz ,16 GB RAM, SSD – 1TB, USB 3.0 SuperSpeed and Win 64-bit.

3. Contex applications create industry standard raster file formats that can be used in any CAD or GIS application.

4. Requires optional Nextimage5 software.





It is great that...

as a distributor

- You have a CCD scanner the market has not seen before.
- The fastest large format scanner achieve ultimate productivity.
- The most flexible large format scanner that truly adapts into any existing workflow and improves it.
- Exceeds the increasing environmental standards
- Double speed to half the price

as a customer

- You get the most flexible large format scanner that adapts into your workflow.
- Will improve your productivity.
- Its advanced design, high specification and quality means it will continue to serve you well for years to come.
- Your investment is protected.





The pitch – why choose

