

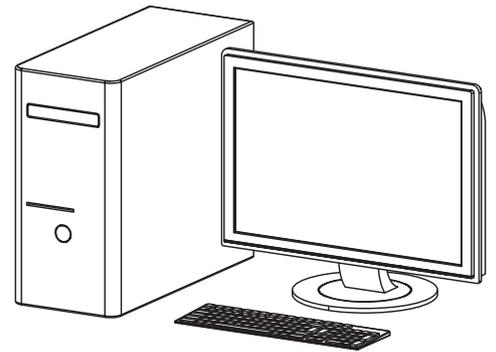
Information



The following information merely states the requirements for the computer system. Even if the stated system requirements are met, correct operation of the Air Techniques hardware/software can still be disrupted by specific hardware and software features on the customer side. In these cases, Air Techniques assumes no liability for ensuring the trouble-free operation of the Air Techniques hardware/software.

The connection of additional systems to the PC may change the system requirements. Comply with the system requirements of all connected systems.

Always comply with the relevant requirements from IEC 60601-1 (EN 60601-1) when connecting the unit to other appliances, e.g. to a computer system, both inside and outside of the patient environment.



Intraoral camera systems

The system requirements of the software being used to operate the device must always be met during its operation. It is recommended to use the latest version of the software.

If third-party software is being used to operate the device, compliance with its system requirements must be assured. The following additional system requirements must also be met:

CamX Triton HD

Interface:	USB 2.0 USB 3.0
Total maximum cable length:	up to 5 m with USB extension cable up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

CamX Elara and CamX Spectra

Interface:	USB 2.0 USB 3.0
Total maximum cable length:	up to 5 m with USB extension cable up to 20 m with additional USB repeater / active USB hub (max. 5 m each) - details available on request
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

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Phosphor storage plate scanners and small X-ray systems

The system requirements of the software being used to operate the device must always be met during its operation. It is recommended to use the latest version of the software.

If third-party software is being used to operate the device, compliance with its system requirements must be assured. The following additional system requirements must also be met:

ScanX Swift View 2.0

Interface:	Ethernet \geq 100 MBit/s, recommended: 1000 MBit/s WLAN 2.4/5 GHz IEEE 802.11ac/a/b/g/n/d/e/h/i with encryption WPA, WPA2, WPA3
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 3.0.30 or higher VisionX Connect version 3.0.30 or higher

ScanX Swift 2.0

Interface:	Ethernet \geq 100 MBit/s, recommended: 1000 MBit/s
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 3.0.30 or higher VisionX Connect version 3.0.30 or higher

ScanX Edge

Interface:	Ethernet \geq 100 Mbit/s
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.4 or higher VisionX Connect version 3.0 or higher

ScanX Duo Touch

Interface:	Ethernet \geq 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.4 or higher VisionX Connect version 3.0 or higher

ScanX Swift View

Interface:	Ethernet \geq 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

ScanX Intraoral View / ScanX Classic View

Interface:	Ethernet \geq 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

ScanX Swift

Interface:	USB 2.0
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

ScanX Intraoral / ScanX Duo / ScanX Ortho / ScanX Classic

Interface:	USB 2.0
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

SensorX

Interface:	USB 2.0 USB 3.0
Total maximum cable length:	USB: 5 m
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX 2.4.10 or higher VisionX Connect version 3.0 or higher

X-ray units

The system requirements of the software being used to operate the device must always be met during its operation.

It is recommended to use the latest version of the software.

If third-party software is being used to operate the device, compliance with its system requirements must be assured.

The following additional system requirements must also be met:

VistaPano S 2.0 and VistaPano S Ceph 2.0

CPU:	≥ Intel Core i5
RAM:	≥ 16 GB
Interface:	1 free PCI Express slot for supplied Gigabit Ethernet controller
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 3.0.33 or higher VisionX Connect version 3.0.33 or higher

ProVecta S-Pan and ProVecta S-Pan Ceph

Interface:	1 free PCI Express slot for supplied Gigabit Ethernet controller
Software:	VistaSoft version 4.0.10 or higher VistaSoft Connect version 4.0.10 or higher, Image Bridge VisionX version 2.3 or higher VisionX Connect version 3.0 or higher

ProVecta 3D Prime and ProVecta 3D Prime Ceph

A reconstruction PC with increased requirements is required to operate the unit. In addition, a direct connection via fiber optic cable is required between the reconstruction PC and the unit.



The processor and graphics board must meet the specifications and system requirements to ensure a faultless reconstruction. Should these requirements not be met, Air Techniques does not provide any guarantee for faultless reconstruction.

	Minimal requirement	Examples*
CPU:	Intel i5, 13th generation or higher	i5-13500 i5-14500
RAM:	≥ 16 GB	16 GB DDR4 16 GB DDR5
Hard disk:	M2 SSD, ≥ 500 GB SSD	
Graphics board:	NVIDIA, min. 4 GB, PCIe CUDA Support P2000 or GTX1650 defines the lower performance limit	GeForce GTX 1660Ti 6 GB GeForce RTX 3060 8 GB Quadro P2000 5 GB Quadro RTX 4000 8 GB RTX A2000 6 GB
Interface:	for graphics card: PCIe x 16 for frame grabber card: PCIe x 4 full height, half-length	
Operating systems:	Microsoft Windows 11 Pro	
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)	
Software:	VistaSoft version 4.0.10 or higher VisionX version 2.4.12 or higher	

* The examples are tested configurations. Other components are possible as long as the minimum requirement is not undercut.

Software

VistaSoft incl. VistaSoft Connect and Image Bridge

Valid from version 4.0.10, REF 2110100003

CPU:	≥ Intel Core i3
RAM:	≥ 4 GB For automatic nerve canal detection: ≥ 8 GB
Operating systems:	64-bit operating system: Microsoft Windows 10 (Pro or higher) Microsoft Windows 11 (Pro or higher) Microsoft Windows Server 2019 Microsoft Windows Server 2022 Microsoft Windows Server 2025
Hard disk:	Workstation (without database) ≥ 50 GB Server ≥ 500 GB (recommended) The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB – 10 MB, CBCT: 200 – 300 MB)
Data backup:	Daily data back-up
Installation medium:	Download
Interface:	Ethernet ≥ 100 MBit/s Internet connection (for online functions with Dürr Dental ID, installation of demo patient and installation of support tools)
Graphics board:	Resolution ≥ 1280 x 1024 Depth of color 32-bit, 16.7 million colors For the display of 3D X-ray images: NVIDIA GeForce ≥ 1 GB with OpenGL 3.0 For automatic nerve canal detection: NVIDIA GeForce ≥ 4 GB with OpenGL 3.0 For the creation of 3D X-ray images please refer to the requirements of the 3D X-ray devices (VistaVox S / ProVecta 3D Prime and VistaVox S Ceph / ProVecta 3D Prime Ceph)
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Notes:	Data migration from an existing DBSWIN installation to VistaSoft is possible from DBSWIN 5.11 or higher.

VisionX incl. VisionX Connect and Image Bridge

Valid from version 3.0.30, REF E7300

CPU:	≥ Intel Core i3
RAM:	≥ 4 GB For automatic nerve canal proposal: ≥ 8 GB
Operating systems:	Operating system 64-bit: Microsoft Windows 10 (Pro or higher) Microsoft Windows 11 (Pro or higher) Microsoft Windows Server 2019 Microsoft Windows Server 2022
Hard disk:	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB – 10 MB, CBCT: 200 – 300 MB)
Data backup:	Daily data back-up
Installation media:	Download
Interface:	Ethernet ≥ 100 Mbit/s Internet connection (for VisionX Cloud, installation of demo patient and installation support tools) Valid email address (for VisionX Cloud only)
Graphics card:	Resolution ≥ 1280 x 1024 Depth of color 32-bit, 16.7 million colors For viewing 3D X-ray images: NVIDIA GeForce ≥ 1 GB with OpenGL 3.0 For automatic nerve canal proposal: NVIDIA GeForce ≥ 4 GB with OpenGL 3.0 For acquiring 3D X-ray images see requirements of the X-ray units (ProVecta 3D Prime)
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Notes:	Data migration is possible from an existing DBSWIN installation in VisionX from DBSWIN 5.11 or higher.

VistaSoft Monitor

Requirements for server installation of the VistaSoft Monitor software on a server or computer in the practice network:

Operating system:	Microsoft Windows 10 (version 1809 or higher) Microsoft Windows 11 Microsoft Windows Server 2019 Microsoft Windows Server 2022 Microsoft Windows Server 2025
Graphics board:	Resolution \geq 1280 x 1024 (recommended)
Interface:	Ethernet, DHCP/dynamic allocation of IP addresses Internet no network proxy possible
Ports required:	TCP: 502, 512, 514, 50123, 25565 UDP: 1900, 45123, 45124, 45125
Additionally required software:	Browser (Mozilla Firefox, Google Chrome or Microsoft Edge, current version in each case) For connecting phosphor storage plate scanner: VistaSoft / VisionX server or single-user installation (from version 3.0.20) on the same computer
Peripheral equipment required:	Audio playback (sound card, loudspeaker) recommended

Just a browser is needed for the user interface of the cloud.