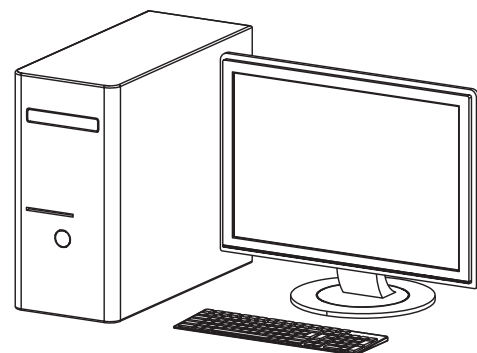


Information



The following information merely states the requirements for the computer system. Even if the stated system requirements are met, correct operation of the hardware/software can still be disrupted by specific hardware and software features on the customer side. In such cases, the manufacturer and the distributor accept no responsibility or liability for trouble-free operation of the hardware/software. The connection of additional systems to the PC may change the system requirements. Comply with the system requirements of all connected systems.



Intraoral camera systems

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

VistaCam iX HD Smart

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 1.0 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaCam iX

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 1.0 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

Image plate scanner and small X-ray system

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

VistaScan Mini View 2.0

Interface:	Ethernet ≥ 100 MBit/s, recommended: 1000 MBit/s WLAN 2,4/5 GHz IEEE 802.11ac/a/b/g/n/d/e/h/i with WPA, WPA2, WPA3 encryption
Software:	VistaSoft version 3.0.13 or higher (order number: 2110100003) VistaSoft Connect version 3.0.13 or higher, Image Bridge

VistaScan Mini Easy 2.0

Interface:	Ethernet ≥ 100 MBit/s, recommended: 1000 MBit/s
Software:	VistaSoft version 3.0.13 or higher (order number: 2110100003) VistaSoft Connect version 3.0.13 or higher, Image Bridge

VistaScan Ultra View

Interface:	Ethernet ≥ 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 2.4 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Mini View

Interface:	Ethernet ≥ 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 1.0 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Mini Plus

Interface:	Ethernet ≥ 100 Mbit/s
Software:	VistaSoft version 2.3 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Mini

Interface:	Ethernet ≥ 100 Mbit/s
Software:	VistaSoft version 2.3 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Mini Easy

Interface:	Ethernet ≥ 100 Mbit/s
Software:	VistaSoft version 2.3 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Nano Easy

Interface:	Ethernet ≥ 100 Mbit/s
Software:	VistaSoft version 2.3 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Nano IQ

Interface:	Ethernet ≥ 100 Mbit/s
Software:	VistaSoft version 2.3 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaScan Combi View

Interface:	Ethernet ≥ 100 Mbit/s WLAN IEEE 802.11b/g with WPA and WPA2 encryption
Software:	VistaSoft version 1.0 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaRay 7

Interface:	USB 2. 0 USB 3.0
Total maximum cable length:	USB: 5 m
Software:	VistaSoft version 1.0 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

Accessories

VistaScan Smart Reader

Interface:	USB 2.0 or higher
Software:	VistaSoft version 3.0.13 or higher (order number: 2110100003)

X-ray unit

The system requirements of the software being used to operate the device must always be met during its operation. We recommend using 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 3.0.32 or higher (order number: 2110100003) VistaSoft Connect version 3.0.32 or higher, Image Bridge

VistaPano S and VistaPano S Ceph

Interface:	1 free PCI Express slot for supplied Gigabit Ethernet controller
Software:	VistaSoft version 1.0 or higher (order no.: 2110100003) VistaSoft Connect version 3.0 or higher, Image Bridge

VistaVox S and VistaVox S Ceph

A reconstruction PC with increased requirements is required to operate the unit. A direct connection is required between the reconstruction PC and the unit (fibre optic cable).



The processor and graphics board must correspond with the specifications and system requirements to enable a faultless reconstruction. Should these requirements not be fulfilled, Dürr Dental does not provide any guarantee for faultless reconstruction.

CPU:	≥ Intel Xeon E5-1607 3 GHz ≥ Intel Core i7-6700
RAM:	≥ 16 GB DDR3-1600
Operating systems:	Microsoft Windows 10, 64-bit (Pro or higher) Microsoft Windows 11 (Pro or higher)
Hard disk:	For reconstruction: ≥ 500 GB SSD
Interface:	1 PCI Express slot (for graphics card) 1 Gen2 PCI Express slot ≥ x4 (for frame grabber card) USB socket
Graphics card:	NVIDIA GeForce GTX970 4 GB NVIDIA GeForce GTX1060 6 GB NVIDIA GeForce GTX1070 8 GB NVIDIA GeForce GTX1080 8 GB NVIDIA GeForce GTX 1660Ti 6 GB NVIDIA GeForce RTX 2070 8 GB NVIDIA Quadro P2000 5GB NVIDIA Quadro RTX 4000 8GB NVIDIA RTX A2000 ≥ 4 GB
Diagnostic monitor:	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
Software:	VistaSoft version 2.4.1 or higher (order number: 2110100003)

Software

VistaSoft incl. VistaSoft Connect and Image Bridge

Valid from version 3.0.30, order number 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
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 medium:	Download
Interface:	Ethernet ≥ 100 MBit/s Internet connection (for VistaSoft Cloud, installation of demo patient and installation support tools) Valid email address (for VistaSoft Cloud only)
Graphics card:	Resolution ≥ 1280 x 1024 Depth of colour 32-bit, 16.7 million colours 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 With regard to producing 3D X-ray images, please see requirements for 3D X-ray units (VistaVox S and VistaVox S Ceph)
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 into VistaSoft 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:	Windows Server 2016 Microsoft Windows 10, 64-bit Microsoft Windows 11
Graphics card:	Resolution ≥ 1280 x 1024 (recommended)
Interface:	Ethernet, DHCP/dynamic allocation of IP addresses Internet No network proxy is 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 image plate scanner: VistaSoft server or single-user installation (from version 3.0.20) on the same computer
Peripheral equipment required:	Audio reproduction (sound card, loudspeaker) recommended

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