Dear Sirs and Madams,

You are interested in a computer-controlled product or you have already bought one. If you need, we sell you the applicable hardware (PC or Notebook). You can also use your own hardware, when the conditions are complied as follow. Even in case the conditions are compiled please consider that internal hardware components can cause incompatibility with software drivers. We recommend testing your hardware in Lübeck, before we install your product. Liability is excluded for all errors or problems.

When placing the <u>order</u> and using <u>your own hardware,</u> please return this document signed by e-mail to call@bon.de or fax (+49 (0)451-80900-10)!

- We need to check the full compatibility of your PC or notebook in our company (head office in Lübeck) or by arrangement at your premises.

- In order to avoid data loss or software damage please make a data backup in advance. We assume no liability in the event of damage or data loss.

- We install the product software on your system. We will inform you, when the correct installation (due to your hardware) is not possible. An additional expenditure (for example the elimination of hardware issues) costs 89,00 Euro/h.

- Fee for software installation on your PC (not provided by b o n) upon delivery of a device 250.- Euro

- Fee for software installation on your PC (not provided by b o n) for later installation 300.- Euro

- Consultation with your software provider: 300.-€ depending on complexity

I have read these references:

_____   _____
Company/practice (stamp)   date, signature

Content

1 Phoenix 2.x and 3.x

1.1 Hardware-Requirements

Notebooks with small FireWire interface (4pol.) are not supported!

Processor	RAM	Video Card and Memory	Resolution	Hard Disc	Drives	FireWire	Important Notice
I3 or higher (I5 preferred)	from 4GB	1 GB non-shared memory	1280x960	from 250GB	optional	FireWire Adapter / USB 3.0	only Bootcamp with Windows 8.x / 10.x 32bit or 64bit Software application "Parallels" of Apple is not supported

1.2 Software-Requirements

Slit-lamp	Operating System		Connection
DigiPro1	Win XP/32bit		IEEE 1394 FireWire
DigiPro2 AVT Marlin F-145C2	Win7 prof. 32bit		IEEE 1394 FireWire
DigiPro2-Elite (opera 205)	Win7/8 prof. 32bit-64bit	Win10 Prof. 64bit (Firmwareupgrade with reservation)	IEEE 1394 FireWire
DigiPro2 Opera 205	Win7/8 prof. 32bit-64bit	Win10 Prof. 64bit (Firmwareupgrade with reservation)	IEEE 1394 FireWire
DigiPro3-HD (Lira 274C)	Win7/8 prof. 32bit-64bit	Win10	IEEE 1394 FireWire
DigiPro3-Elite (Lira274C)	Win7/8 prof. 32bit-64bit	Win10	IEEE 1394 FireWire
DigiPro4-HD naos	Win7/8 prof. 32bit-64bit	Win10	USB 3.0

1.3   Notices to connected devices

For using a bon FireWire device on an existing computer, please make sure that a FireWire Card with a Texas Instruments chip set is installed.

iMacs (2015 – 2017) require an adapter from Thunderbolt to IEE1395.
iMacs from (2017 and later) require a USB-C to Thunderbolt and a Thunderbolt to IEE1394 adapter.

For all bon USB 3.0 devices must be ensured, that there is a USB 3.0 interface on the existing computer.

bon product	Connection	Important notice
Cobra	FireWire/USB 3.0	External power supply necessary, also with short cable. FireWire Repeater or USB 3.0 necessary!
DigiPro2 / DigiPro3	FireWIre	From cable length longer than 2,5m is an external power supply necessary. FireWire Repeater necessary!
DigiPro4	USB 3.0	USB 3.0 cable with active power supply necessary. Computer USB 3.0 interface necessary.
Sirius	FireWire	From cable length longer than 4,5m is an external power supply necessary. FireWire Repeater necessary!
EyeTop-S	FireWire	External power supply necessary, also with short cable. FireWire Repeater necessary!
Antares	USB 3.0	USB 3.0 cable with active power supply necessary. Computer USB 3.0 interface necessary.
MS-39 OCT	USB 3.0	USB 3.0 cable with active power supply necessary. Computer USB 3.0 interface necessary.

2 MultiVisus

2.1 Hardware-Requirements

Display	Processor	RAM	video card an memory	ports	resolution	Important notice
15 Zoll	Pentium 4 from 2 GHz (recommended Intel Core2 Duo or higher)	2 GB	Twin card with desktop enhancement	2 free USB ports v.2.0	1024 x 768	Notebook with display port, DVI or HDMI output with desktop extension is supported / polarizing filter VA direction (45° / 135°) or circular. Color depth must be at least 24bit DVI or HDMI cable up to 10m and / or appropriate adapter solutions.
17 Zoll		2 GB			1280 x 1024	
19 Zoll		2 GB			1280 x 1024	
22 Zoll		2 GB			1680 x 1050	
24 Zoll		2 GB			1920 x 1080	

2.2 Software-Requirements

MultiVisus is compatible with following versions of Windows.

Windows Version	XP	XP (Standalone)	POS 2009 (Standalone)	Vista (32Bit)	Vista (64Bit)	7 (32Bit)	7 (64Bit)	8 (32Bit)	8 (64Bit)	8.1 (64Bit)	10 (32Bit)	10 (64Bit)
MultiVisus ab Version 9.0		**	**	x	x	x	x	x	x	x	x	x
MultiVisus ab Version 8.2	x	x	x	x	x	x	x	x	x	x	x	x
MultiVisus ab Version 7.7	x	x	x	x	x	x	x	x	x	x	?	?
MultiVisus ab Version 6.9.7 (ohne IR-FB)	x	x	x	x	x	x	x	x	x	x	?	?
MultiVisus ab Version 6.9.7 (mit IR-FB)	x											
MultiVisus unter Version 6.9.7 (ohne IR-FB)	x	?	?	?		?		?			?	
MultiVisus unter Version 6.9.7 (mit IR-FB)	x											

** Windows Imaging Component must be installed, MultiVisusControl only up to version 1.9.5
? Runnability is possible, but cannot be guaranteed

General reference:

AMD processors and chip sets are not recommended!

When performing an update, the firmware of the Dongle must be replaced. Therefore we need the Dongle Number of MultiVisus-System, that is located directly on the USB Dongle.

3   Medmont Studio Software for Perimeter M-700 and Topographer E-300

E300 Topographer must be connected directly to the USB port, USB hubs are not supported. Please use the USB ports on the back of the computer.

Chip set with known problems:
Intel GMA X3100, GMA3500, GMA4500 / Intel graphic media accelerator series / Intel Extreme Graphics series / Nvidia GeForce 9300GS, 8400GS, 8500GT, 7500LE, 7100GS, 7200GS, 7300GS, 7300LE, 6200TC, 6200SE

Operating System	Medmont Studio Version	Notices
Windows Vista / 32bit, Ultimate, Enterprise	From Version 4.11.1	Older units with serial number lesser than M714719 need a camera upgrade kit (W18)
Windows Vista / 64bit, Ultimate, Enterprise	From Version 5.x.x	Older units with serial number lesser than M714719 need a camera upgrade kit (W18)
Windows 7 / 32bit,64bit prof, Ultimate, Enterprise	From Version 5.x.x	Older units with serial number lesser than M714719 need a camera upgrade kit (W18)
Windows 8.1 / 32bit / 64bit prof. Enterprise	From Version 5.3.3	Older units with serial number lesser than M714719 need a camera upgrade kit (W18)
Windows Server 2003+2008, 32bit/64bit	From Version 5.x.x	Older units with serial number lesser than M714719 need a camera upgrade kit (W18)
Windows 10.x	From Version 5.x.x	