

Product catalog

1-2021

valid from 2021-01-01

Product catalog 1-2021



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1 New Products

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2 Software

2.1 MediaWorkStation Classic Edition



MediaWorkStation Classic Edition

Version 2.8

Software "MediaWorkStation - Classic Edition" for HD/SD-Video Documentation

With the „MediaWorkStation Classic Edition“ sophisticated users get a comprehensive tool for acquisition, documentation and archiving of HD video and picture findings in the daily practice. An extensive set of tools gives the ability for easy creation of individual and complex findings reports. Easy integration into IT-environment ensures an optimal workflow. The database provides long term availability of picture findings with almost no capacity limitation.

Functions

- Simple and intuitive user interface
- Recording of videos and individual pictures
- Direct switching between four cameras
- Preview with split display for „live“ image and individual images
- Structured saving of all recordings in a database
- Network mode with centralized storage of patient and findings data
- Playing videos with random seek, enlargement and extraction of individual images
- Video and picture comparison
- Manual input of comments for sessions and recordings
- Graphical markers with individual comments
- By medical field separated databases for comments
- Video cut functionality
- Creation of reports in HTML format including patient information, pictures, videos and comments
- Communication with EPR (DICOM Worklist¹, GDT)
- User management including separation for special patients
- Operation by touch screen including screen keyboard
- Remote control for the recording function via foot switch, USB or by camera
- Compatible to all cameras and converters with DirectShow technology
- Direct control of camera settings of supported types of cameras
- Context sensitive help system
- Automatic database backup
- Language selection for German, English, French, Italian, Spanish, Russian, Turkey, Chinese

¹ optional feature, not included in standard scope

² depending on the video format, the requirements may be higher

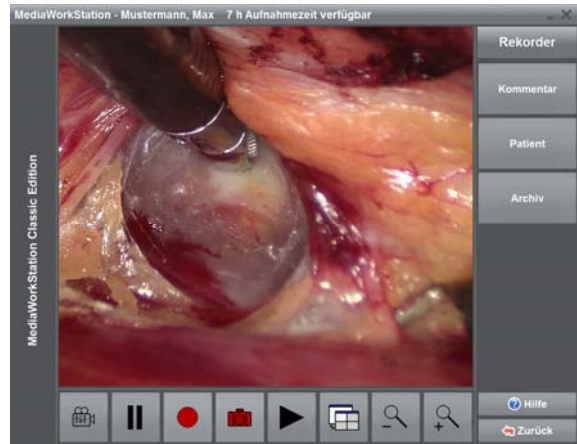
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Screenshots



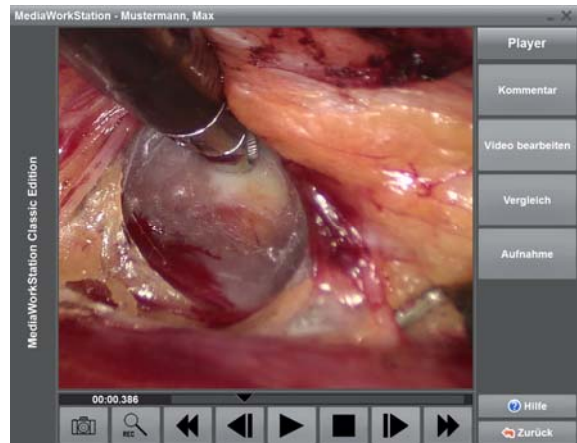
Edit patient data



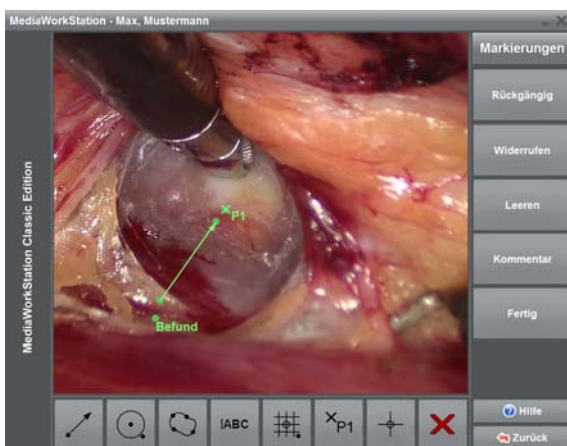
Record videos and pictures



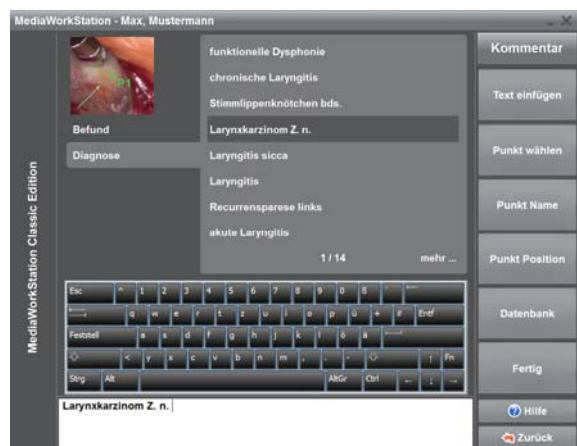
Archive



Play video



Edit graphical markers



Edit comments

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System requirements

Depending on video input format the computer has to fulfill minimal requirements:

SD Video (PAL/NTSC)	HD Video (1080p30)	HD Video (1080p60)
Windows 10 / 8 / 7 (Administrative permissions for installation)		
Intel Core i3-3210 3,2 GHz	i5-7500 3,8 GHz	i5-7500 3,8 GHz
4 GB DDR3 RAM	4GB DDR4	2x4GB DDR4 (2 Moduls)
200 GB Harddisk		
Graphics card Intel HD 2500	HD 630	HD 630
Video conver with DirectShow support		
Display, 1024x768 Pixel, 32Bit	1920 x 1080 Pixel	

Attention: Please note the Windows compatibility of the specific MediaWorkStation edition and version. You find an overview here <http://www.mediaworkstation.de/maintenance.html> or in the user manual.

Technical data

Classification	Class 1 according to 93/42/EWG
Video format	MPEG2, DV-AVI
Video standard	PAL / NTSC / Full HD
Video resolution	Input signal: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored video: 720x480 pixels (NTSC), 720x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored picture: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD)
Audio standard	MPEG2: MP3 DV-AVI: PCM
Audio resolution	16 bit, 44,1/48 kHz stereo
File format	Video: MPEG2, DV-AVI Picture: BMP / JPEG Report: HTML / PDF (optional)
Storage space consumption	Video: max. 2 MB/s (PAL/NTSC)(MPEG2) max. 6 MB/s (Full HD)(MPEG2) Picture: max. 8MB
Operation mode / duty cycle	Continous operation / restart after 24h
Standards	EN 60601-1
Labelling	CE according to MPG



Weitere Informationen unter www.mediaworkstation.de/classic.html

Order information

MediaWorkStation Classic Edition 2.8 20002799

Software "MediaWorkStation - Classic Edition" for video documentation in medicine.

Other license variants

Description	Part.-No.
Upgrade MediaWorkStation Classic 2.8 from 2.7	20003122
Upgrade MediaWorkStation Classic 2.8 from 2.x	20003123
Upgrade MediaWorkStation Classic 2.8 from 1.x	20003125
Crossgrade MediaWorkStation Classic 2.8 from Basic 2.9	20003115
Crossgrade MediaWorkStation Classic 2.8 from Select 2.7	20003126

MediaWorkStation Option DICOM Worklist 20002803

- DICOM Worklist processing
- Export of medical reports, pictures and videos

License is required for each workstation

MediaWorkStation Option VDDS 20003672

- VDDS interface
- Receiving of patient data
- Transmitting of picture findings
- Display of picture archive
-

License is required for each workstation

MediaWorkStation Option Network 20000962

- Software option network
- centralized data storage for several workstations
- recording and playback on several workstations

License is required for each workstation

MediaWorkStation Option ATMOS Strobo 21 20002872

- Overlay of measurement values of ATMOS Strobo 21 LED in video image
- Export of measurement values with still images and reports
- Including USB adapter cable

MediaWorkStation Option Strobo Demuth 20003748

- Overlay of measurement values of Demuth Strobo LED in video image
- Export of measurement values with still images and reports
- Connection via USB cabel (not included)

MediaWorkStation Option Strobo INVISIA **20003535**

- Overlay of measurement values of INVISIA Strobo HighLight Basic/Plus in video image
- Export of measurement values with still images and reports
- Connection via USB cabel (not included)

MediaWorkStation Classic Software Maintenance Agreement **20000935**

- Support by phone and e-mail, remote support
- Response time of one work day
- Minimum contract duration 1 year

MediaWorkStation DICOM Worklist Maintenance Agreement **20003088**

- Support by phone and e-mail, remote support
- Response time of one work day
- Only in connection with a maintenance agreement for a MediaWorkStation Edition
- Minimum contract duration 1 year

User manual printed MWS28CE EN **20003089**

User manual MediaWorkStation Classic Edition, version 2.8, English

More languages

Description	Sprache	Part.-No.
User manual printed MWS28CE DE	German	20003090
User manual printed MWS28CE ES	Spanish	20003484

MediaWorkStation Media Pack USB **20003636**

Installation data carrier USB stick in plastic bag

2.2 MediaWorkStation Basic Edition



MediaWorkStation Basic Edition

Version 2.9

Software "MediaWorkStation Basic Edition" for HD-Video Documentation

The "Basic Edition" is the latest member of the MediaWorkStation product family. With the recording into a structured database, playback and editing capabilities for video findings and finally the creation of complex print outs or reports in HTML format, it is a comprehensive tool and the perfect entry into the medical video documentation. In case that expectations rise the change to another, more powerful edition is always possible.

Functions

- Simple and intuitive user guide
- Recording of videos and individual pictures
- Structured saving of all recordings in a database
- Playing videos with random seek, enlargement and abstraction of individual images
- Display of individual images including detail selection and enlargement
- Manual input of descriptions
- Graphical markers with individual comments
- Full-text search
- Export of images as files, including imbedded identification
- Print function for the direct printout with embedded identification information
- Creation of reports in HTML format including patient information and pictures
- Preview with split display for „live“ image and individual images
- Operation by touch screen including screen keyboard for text inputs
- Remote control for the recording function via foot switch, USB or by camera
- Direct control of camera settings of supported types of cameras
- Support of many types of cameras, frame grabbers and converters with USB- and IEEE1394 connection
- Individual graphical adjustment of the user surface via „skins“
- Context sensitive help system
- Automatic database backup
- Language selection for German, English, French, Italian, Spanish, Russian

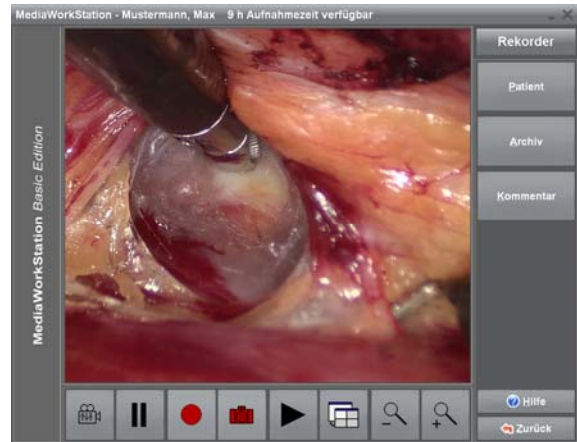
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Screenshots



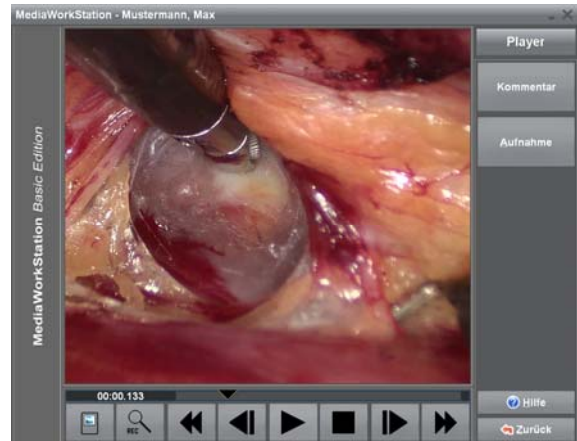
Edit patient



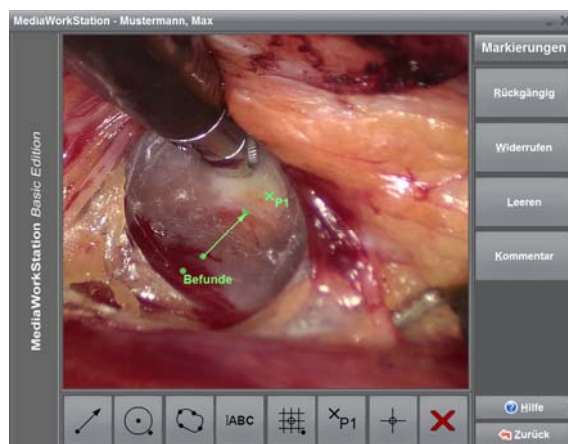
Record videos and pictures



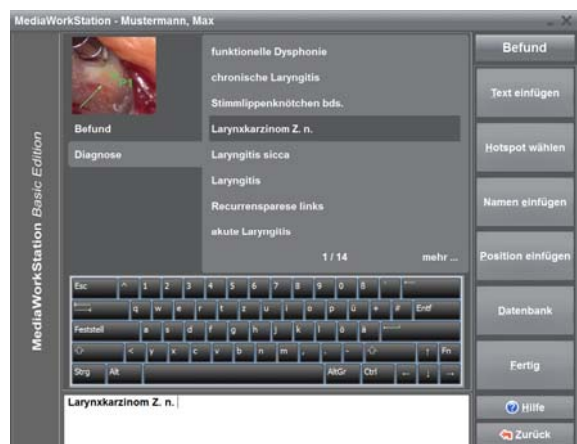
Archive



Play video



Edit graphical markers



Edit comments

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System requirements

Depending on video input format the computer has to fulfill minimal requirements:

SD Video (PAL/NTSC)	HD Video (1080p30)	HD Video (1080p60)
Windows 10 / 8 / 7 (Administrative permissions for installation)		
Intel Core i3-3210 3,2 GHz	i5-7500 3,8 GHz	i5-7500 3,8 GHz
4 GB DDR3 RAM	4GB DDR4	2x4GB DDR4 (2 Moduls)
200 GB Harddisk		
Graphics card Intel HD 2500	HD 630	HD 630
Video conver with DirectShow support		
Display, 1024x768 Pixel, 32Bit	1920 x 1080 Pixel	

Attention: Please note the Windows compatibility of the specific MediaWorkStation edition and version. You find an overview here <http://www.mediaworkstation.de/maintenance.html> or in the user manual.

Technical data

Classification	Class 1 according to 93/42/EWG
Video format	MPEG2, DV-AVI
Video standard	PAL / NTSC / Full HD
Video resolution	Input signal: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored video: 720x480 pixels (NTSC), 720x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored picture: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD)
Audio standard	MPEG2: MP3 DV-AVI: PCM
Audio resolution	16 bit, 44,1/48 kHz stereo
File format	Video: MPEG2, DV-AVI Picture: BMP / JPEG Report: HTML / PDF (optional)
Storage space consumption	Video: max. 2 MB/s (PAL/NTSC)(MPEG2) max. 6 MB/s (Full HD)(MPEG2) Picture: max. 8MB
Operation mode / duty cycle	Continous operation / restart after 24h
Standards	EN 60601-1
Labelling	CE according to MPG



Weitere Informationen unter www.mediaworkstation.de/basic.html

Order information

MediaWorkStation Basic Edition Version 2.9 **20002800**

Software "MediaWorkStation Basic Edition" version 2.9 for HD video documentation and archiving

Other license variants

Description	Part.-No.
Upgrade MediaWorkStation Basic 2.9 von 2.8	20003006
Crossgrade MediaWorkStation Basic 2.9 von Select 2.7	20003005

MediaWorkStation Option Netzwerk **20000962**

- Software option network
- centralized data storage for several workstations
- recording and playback on several workstations

License is required for each workstation

MediaWorkStation Option DICOM Push **20002802**

DICOM export of medical reports and pictures via DICOM Push

License is required for each workstation

MediaWorkStation Basic Software Maintenance Agreement **20002521**

- Support by phone and e-mail, remote support
- Response time of one work day
- Minimum contract duration 1 year

MediaWorkStation DICOM Push Software Maintenance Agreement **20003087**

- Support by phone and e-mail, remote support
- Response time of one work day
- Only in connection with a maintenance agreement for a MediaWorkStation Edition
- Minimum contract duration 1 year

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User manual printed MWS29BE EN

20003081

User manual MediaWorkStation Basic Edition, version 2.9, English

Other languages

Description	Sprache	Part.-No.
User manual printed MWS29BE DE	Englisch	20003080
User manual printed MWS29BE ES	Spanisch	20003127
User manual printed MWS29BE RU	Russisch	20003082
User manual printed MWS29BE IT	Italien	20003485

More languages on request

MediaWorkStation Media Pack USB

20003636

Installation data carrier USB stick in plastic bag

2.3 MediaWorkStation Operating Room



MediaWorkStation Operating Room

Version 2.9 – **NOT WINDOWS 10 COMPATIBEL**

Software "MediaWorkStation Operating Room" for surgery video documentation

MediaWorkStation „Operating Room“ is especially tuned to the documentation needs during surgeries. Based on the approved technology of the elder versions the „Operating Room“ is an extension of the product group with specialisation in the HD video processing. It offers perfect support by an optimised workflow, starting with patient data entry, moving on to the recording of videos and individual images up to the export of the data onto mobile data carriers or network storage locations. With the optional "DICOM Push" extension MediaWorkStation can be integrated into an existing PACS.

Hauptmerkmale

- Simple and intuitive user guide
- Recording of videos and individual pictures
- Support for video formats from PAL/NTSC to „Full HD 1080p“
- Structured saving of all recordings in a database
- Ring storage for videos with automatic capacity control
- Playing videos with random seek, enlargement and abstraction of individual images
- Display of individual images including detail selection and enlargement
- Manual input of descriptions
- Full-text search
- Filtering of the database for surgeon name
- Session export in HTML format including videos and pictures
- Print function for the direct printout of individual images
- Preview with split display for „live“ image and individual images
- Operation by touch screen including screen keyboard for text inputs
- Remote control for the recording function via USB, RS232, HID or by camera
- Direct control of camera settings of supported types of cameras
- Individual graphical adjustment of the user surface via „skins“
- Context sensitive help programme online
- Automatic database backup
- „Hidden“ Windows due to the exclusive operation mode
- Language selection for German, English, French, Italian, Spanish, Turkish and Russian

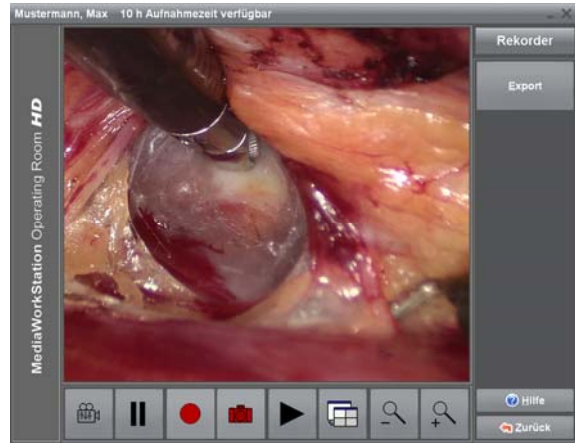
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Screenshots



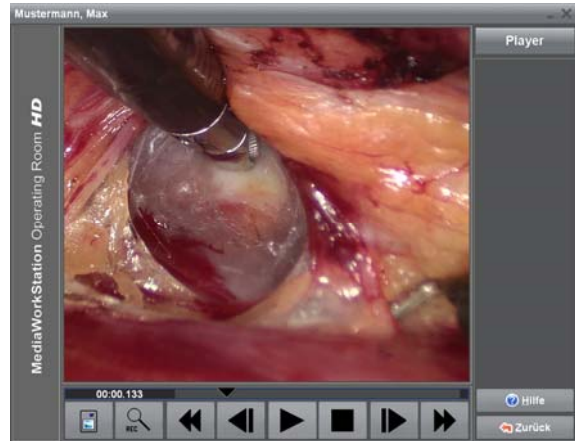
Edit patient data



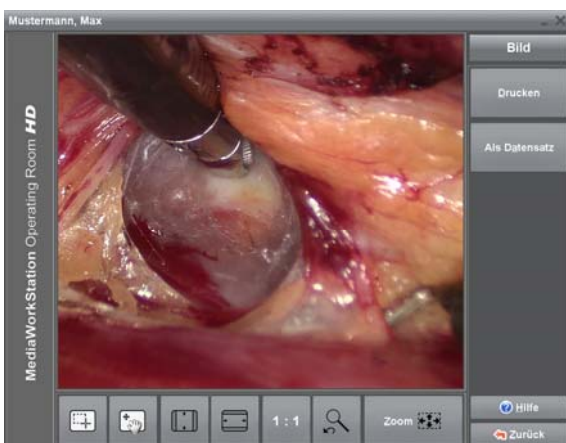
Record videos and pictures



Archive



Play video



Show picture



Create report

System requirements

Depending on video input format the computer has to fulfill minimal requirements:

SD Video (PAL/NTSC)	HD Video (1080p30)	HD Video (1080p60)
Windows 7 (Administrative permissions for installation)		
Intel Core i3-3210 3,2 GHz	i5-7500 3,8 GHz	i5-7500 3,8 GHz
4 GB DDR3 RAM	4GB DDR4	2x4GB DDR4 (2 Moduls)
200 GB Harddisk		
Graphics card Intel HD 2500	HD 630	HD 630
Video conver with DirectShow support		
Display, 1024x768 Pixel, 32Bit	1920 x 1080 Pixel	

Attention: Please note the Windows compatibility of the specific MediaWorkStation edition and version. You find an overview here <http://www.mediaworkstation.de/maintenance.html> or in the user manual.

Technical data

Classification	Class 1 according to 93/42/EWG
Video format	MPEG2, DV-AVI
Video standard	PAL / NTSC / Full HD
Video resolution	Input signal: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored video: 720x480 pixels (NTSC), 720x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored picture: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD)
Audio standard	MPEG2: MP3 DV-AVI: PCM
Audio resolution	16 bit, 44,1/48 kHz stereo
File format	Video: MPEG2, DV-AVI Picture: BMP / JPEG
Storage space consumption	Video: max. 2 MB/s (PAL/NTSC)(MPEG2) max. 6 MB/s (Full HD)(MPEG2) Picture: max. 8MB
Operation mode / duty cycle	Continous operation / restart after 24h
Standards	EN 60601-1
Labelling	CE according to MPG



Weitere Informationen unter www.mediaworkstation.de/or.html

Order information

MediaWorkStation Operating Room 2.9 **20002798**

Software "MediaWorkStation - Operating Room" for HD-Video Documentation

Other license variants

Description	Part.-No.
Upgrade MediaWorkStation Operating Room 2.9 from 2.8	20003007

MediaWorkStation Option DICOM Push **20002802**

DICOM export of medical reports and pictures via DICOM Push

License is required for each workstation

MediaWorkStation Operating Room Maintenance Agreement **20002400**

- Support by phone and e-mail, remote support
- Response time of one work day
- Software upgrades with special conditions
- Minimum contract duration 1 year

MediaWorkStation DICOM Push Maintenance Agreement **20003087**

- Support by phone and e-mail, remote support
- Response time of one work day
- Software upgrades with special conditions
- Only in connection with a maintenance agreement for a MediaWorkStation Edition
- Minimum contract duration 1 year

User manual printed MWS29OR EN **20003009**

User manual MediaWorkStation Operating Room, version 2.9, English, edition 1-2014

Other languages

Description	Language	Part.-No.
User manual printed MWS29OR DE	German	20003008

More languages on request

MediaWorkStation Media Pack USB **20003636**

Installation data carrier USB-Stick in plastic bag

3 Medical Computer

3.1 Medical Workstation ACL Panel PC

Medical Workstation ACL 21LP W10P DE

20003339

- Medical All In One PC
- Display 21" / 53 cm, 1920 x 1080 pixel
- Completely sealed aluminum housing with fanless cooling
- Intel® Core i5, max 2,3 GHz, RAM 8 GB, 120GB SSD, LAN 2x10/100/1000 Mbit
- Windows 10 Pro x64
- Language German (other languages on request)
- In conformity to EN60601-1, CE
- 12 Months warrenty



VESA mount required, without input devices

Other variants

Description	Size	Part.-No.
Medical Workstation ACL 24LP W10P DE	24", 61 cm	20003340
Medical Workstation ACL 15LP W10P DE	15", 38 cm	20003950

Accessories

Medical Workstation ACL 21 Touch

20002775

Option capacitive touch for Medical Workstation ACL 21

Other variants

Description	Size	Part.-No.
Medical Workstation ACL 24 Touch	24", 61 cm	20002776
Medical Workstation ACL 15 Touch	15", 38 cm	20003768

Medical Workstation ACL SSD240

20002778

Option SSD 240 GB for Medical Workstation ACL

Other variants

Description	Type	Capacity	Part.-No.
Medical Workstation ACL SSD480	SSD	480 GB	20002829
Medical Workstation ACL SSD1000	SSD	1000 GB	20002997

Medical Workstation ACL RAM 16GB

20003375

RAM upgrade to 2x8 GB, only inconnection with Medical Workstation ACL

Medical WorkStation ACL Core i7	20003010
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processor upgrade to Intel Core i7, only in connection with Medical Workstation ACL

Medical Workstation ACL Language Plus	20003164
--	-----------------

Windows 7 Ultimate, language option English, French, Spanish, Italian, more languages on request, only in connection with Medical Workstation ACL

Medical Workstation ACL DVD	20002978
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DVD multi writer, slot-in, only in connection with Medical Workstation ACL

Medical WorkStation ACL WLAN	20003131
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Option WLAN, only in connection with Medical Workstation ACL

Medical Workstation ACL insulated LAN	20003377
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LAN (RJ45) galvanic insulated, only in connection with Medical Workstation ACL

Medical Workstation ACL Speaker	20003376
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Integrated speaker, only in connection with Medical Workstation ACL

Medical Workstation ACL 21 Cover	20002827
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Option rear side cover for Medical Workstation ACL 21

Medical WorkStation ACL 21 Protective Cover	20003548
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Protection cover for Medical Workstation ACL 21, semi-transparent, reinforced

Medical Workstation ACL Cover USV Prep	20003630
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Preparation for cable cover with USV

Medical Workstation ACL Cover USV	20003631
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Cable cover with integrated USV

Only in connection with Cover USV Prep

MediaWorkStation Pre Installation	20002667
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MediaWorkStation installation (only DEMO license), activation if license is available, configuration, function test, documentation, language according to system language, only in connection with Medical Workstation

Compatible system components PAL/NTSC video documentation (example)

Description	Part.-No.
Medical Workstation ACL 21 Touch	20002775
MediaWorkStation Classic Edition 2.8	20002799
Video Converter Analog to Digital USB AV350MX	20002549
Video Converter Analog to Digital USB VESA Mount	20002964
VESA Stand H340	20002784

Compatible system components HD video documentation (example)

Description	Part.-No.
Medical Workstation ACL 21 Touch	20002775
MediaWorkStation Basic Edition 2.9	20002797
Video Converter HDMI to USB3 G2	20003417
VESA Mount Video Converter HDMI/SDI to USB3 ACL	20003245
VESA Stand H340	20002784

Compatible system components 3G-SDI video documentation (example)

Description	Part.-No.
Medical Workstation ACL 21 Touch	20002775
MediaWorkStation Classic Edition 2.8	20002799
Medical WorkStation ACL Core i7	20003010
Video Converter 3G-SDI to USB3 G2	20003464
VESA Mount Video Converter HDMI/SDI to USB3 ACL	20003245
VESA Stand H340	20002784

3.2 Medical Workstation TERRA Panel PC

Medical Workstation TERRA AIO 20003946

- Medical All In One PC with touch screen
- Display 54.6 cm (21.5") 1920 x 1080 Pixel Multitouch Glare
- Intel Core i5 (10. Gen.), RAM 8GB, DVD±RW/±R, 250 GB SSD, Intel HD Graphics 530, 2xLAN 10/100/1000 Mbps, WLAN 802.11 ac/a/b/g/n, Audio-System Integrated (8-Kanal)
- Windows 10 Pro x64
- Language German (other languages on request)
- CE, in conformity with EN60601-1
- 24 months warrenty



VESA 100 mount ready, without input devices

Accessories

Medical WorkStation TERRA AIO Core i7 20003477

Processor upgrade to Core i7 (10. Gen.), only in connection with Medical Workstation TERRA AIO

Medical Workstation TERRA AIO SSD 500GB 20003479

Harddisk 500 GB SSD, only in connection with Medical Workstation TERRA AIO

Other variants

Description	Type	Capacity	Part.-No.
Medical Workstation TERRA AIO SSD 1 TB	SSD	1 TB	20003948
Medical Workstation TERRA AIO SSD 2 TB	SSD	2 TB	20003949

Medical Workstation TERRA AIO RAM 16GB 20003572

Memory extension to 2x8GB, only in connection with Medical Workstation TERRA AIO

Medical WorkStation TERRA AIO Language 20003455

Windows language option English, French, Spanish, Italian, more languages on request, only in connection with Medical Workstation TERRA AIO

AIO Power Supply Medical 19V 135W

20003456

- Input 100-240 V, mains plug
- Output 19 V/7,1 A, 135 Watt, 90° dc connector 7.4/5.1 mm, cable length 1.2m
- TÜV IEC 60601-1, CE, RU, RoHS, MPG conform acc. DIN EN 60601-1



Without mains cable!

Only in connection with Medical Workstation

MediaWorkStation Pre Installation

20002667

MediaWorkStation installation (only DEMO license), activation if license is available, configuration, function test, documentation, language according to system language, only in connection with Medical Workstation

Compatible system components PAL/NTSC video documentation (example)

Description	Part.-No.
MediaWorkStation Classic Edition 2.8	20002799
Video Converter Analog to Digital USB AV350MX	20002549
Video Converter Analog to Digital USB VESA Mount	20002964

Compatible system components HD video documentation (example)

Description	Part.-No.
MediaWorkStation Basic Edition 2.9	20002797
Video Converter HDMI to USB3 G2	20003417
VESA Mount Video Converter HDMI/SDI to USB3 ACL	20003245

Compatible system components 3G-SDI video documentation (example)

Description	Part.-No.
MediaWorkStation Classic Edition 2.8	20002799
Medical WorkStation TERRA AIO Core i7	20003477
Video Converter 3G-SDI to USB3 G2	20003464
VESA Mount Video Converter HDMI/SDI to USB3 ACL	20003245

4 Video converter

4.1 Extern HD Video

Video Converter HDSDX to USB3 VC100X

20002988

- External video converter for SD- and HD-video up to 1080p60
- Inputs DVI, HDMI, SD/HD/3G-SDI, VGA, Y/C, CVBS, YPbPr
- Outputs USB 3.0
- USB powered



VESA Mount Video Converter HDSDX to USB3 ACL

20003338

- VESA mount for video converter HDSDX to USB3
- VESA 100mm standard
- Compatible to Medical Workstation ACL



Video Converter HDMI to USB3 G2

20003417

- External video converter for HD-Video up to 1080p60
- Inputs HDMI
- Outputs USB 3.0
- Plug & Play software support
- USB powered



Video Converter 3G-SDI to USB3 G2

20003464

- External video converter for HD-Video up to 1080p60
- Inputs SD/HD/3G-SDI
- Outputs USB 3.0
- Plug & Play software support
- USB powered



VESA Mount Video Converter HDMI/SDI to USB3 ACL

20003245

- VESA mount for video converter HDMI/SDI to USB3
- VESA 100mm standard
- Compatible to Medical Workstation ACL



4.2 Extern SD Video

Video Converter Analog to Digital USB AV350MX

20002549

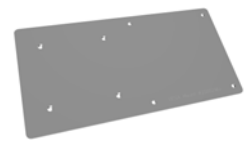
- External video converter analog to USB2.0
- Inputs video Y/C Mini-DIN / Composite RCA, audio analog stereo RCA
- Output USB2.0
- USB powered



Video Converter Analog to Digital USB VESA Mount

20002964

- VESA mount for Video converter Analog to Digital USB
- VESA 100/75mm standard
- Compatible with Medical Workstation ACL or BM



4.4 Intern HD/SD Video

Video converter DVI to PCIe MWPCDVI

20003386

- Internal video converter for HD-Video up to 1080p60
- DVI 1.0, HDMI 1.4a, VGA, Component (digital)
- Inputs video DVI
- Inputs audio embedded (only HDMI)
- PCI Express x1 slot



Video converter DVI to PCIe MWPC2DVI

20003482

- Internal video converter for HD-Video up to 1080p60
- DVI 1.0, HDMI 1.4a, VGA, Component (digital)
- Inputs video 2 x DVI
- Inputs audio embedded (only HDMI)
- PCI Express x4 slot



Video converter HD/3G-SDI to PCIe MWCP2SDI

20003430

- Internal video converter for HD-Video up to 1080p60
- Inputs video SD/HD/3G-SDI
- Inputs audio embedded
- Outputs video SD/HD/3G-SDI loopback
- PCI Express x1 slot



Video converter HD/3G-SDI to PCIe MWCP2SDI

20003483

- Internal video converter for HD-Video up to 1080p60
- Inputs video 2 x SD/HD/3G-SDI
- Inputs audio embedded
- Outputs video 2 x SD/HD/3G-SDI loopback
- PCI Express x4 slot



Video converter Analog to Digital Falcon PCIe

20002974

- Internal video converter for SD-Video PAL/NTSC
- Inputs video Y/C Mini-DIN, Composite RCA
- PCI express x1 slot



5 Displays

5.1 4K Displays

TFT Display 27" ALC MD 27 UHD

20003253

- Completely sealed metallic housing
- Double dereflected protective glass pane
- 27" / 68,6 cm, 3480 x 2160
- Input DP, HDMI 2.0, UHD/HD@60p
- 270 cd/m², 1000 :1, h/v 178°/178°
- Internal power, Light gray, VESA-100
- DIN EN 60601-1:2007, DIN EN 60601-1-2:2007



Other display sizes

Description	Size	Part.-No.
TFT Display 27" ALC MD 32 UHD	32", 81,3cm	20003378

Technical data comparison chart

Model / Value	ACL MD 27 Slim UHD	ACL MD 32 Slim UHD
Size	27", 68,6cm	32", 81,3cm
Resolution	3480 x 2160	3480x2160
Contrast	1000:1	1000:1
Viewing angle	178° / 178°	178° / 178°
Brightness	370 cd/m ²	370 cd/m ²

5.2 HD Displays

TFT Display 21" ACL MD 21

20002768

- Completely sealed metallic housing
- Double dereflected protective glass pane
- 21" / 53 cm, 1920 x 1080
- Input VGA (42" optional), DVI, CVBS, Y/C
- 250 cd/m², 1000 :1, h/v 178°/178°
- Internal power, light gray, VESA-100
- DIN EN 60601-1:2007, DIN EN 60601-1-2:2007



Other display sizes

Description	Size	Part.-No.
TFT Display 24" ALC MD 24	24", 61 cm	20002770
TFT Display 27" ALC MD 27	27", 68,8cm	20002772
TFT Display 32" ALC MD 32	32", 81,3cm	20002986
TFT Display 42" ACL MD 42	42", 106,7cm	20003227

Technical data comparison chart

Model / Value	ACL MD 21	ACL MD 24	ACL MD 27	ACL MD 32	ACL MD 42
Size	21", 53 cm	24", 61 cm	27", 68,6cm	32", 81,3cm	42", 106,7cm
Resolution	1920x1080	1920x1200	1920x1080	1920x1080	1920x1080
Contrast	1000:1	1000:1	1000:1	1300:1	1300:1
Viewing angle	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Brightness	250 cd/m ²	300 cd/m ²	300 cd/m ²	400 cd/m ²	700 cd/m ²
Timing G-G	12 ms	9 ms	8 ms	8 ms	-

TFT Display ALC 21 Touch

20003032

- Option capacitive touch for Medical Display ACL 21
- Connection USB2.0 (internal)

Other display sizes

Description	Size	Part.-No.
TFT Display ALC 24 Touch	24", 61 cm	20003033
TFT Display ALC 27 Touch	27", 68,6cm	20003165
TFT Display ALC 32 Touch	32", 81,3cm	20003034

6 Storage solutions

NAS TeraStation 5400 4TB

20003011

- Network Attached Storage (NAS) for safe long term archiving
- Over all capacity 4 TB (without RAID configuration)
- RAID Level JOBD, 0, 1, 5, 6, 10
- „Hot Swap“ function for exchange of defective hard disks
- Connection LAN 2 x 1GB
- Dimensions 231 x 170 x 216 mm
- 3 years warrenty



Other capacities

Description	Capacity	Part.-No.
NAS TeraStation 5400 8TB	8 TB	20003012
NAS TeraStation 5400 12TB	12 TB	20003013
NAS TeraStation 5400 16TB	16 TB	20003014

NAS LinkStation 420 4TB

20003015

- Network Attached Storage (NAS) for safe long term archiving
- Over all capacity 4 TB (without RAID configuration)
- RAID Level JOBD, 0, 1
- Connection LAN 1 x 1GB
- Dimensions 128 x 87 x 205 mm



Other capacities

Description	Capacity	Part.-No.
LinkStation 420 6TB	6 TB	20003016
LinkStation 420 8TB	8 TB	20003017

DriveStation Duo 4TB

20003018

- External USB Storage for safe long term archiving
- Over all capacity 4 TB (without RAID configuration)
- RAID Level JOBD, 0, 1
- Connection 1 x USB 3.0
- Dimensions 127 x 86 x 204 mm



Other capacities

Description	Capacity	Part.-No.
DriveStation Duo 6TB	6 TB	20003019
DriveStation Duo 8TB	8 TB	20003020

7 Accessories

7.1 Keyboards & Pointing devices

Keyboard Glas Wireless Cleankeys CK4W DE 20003530

- Vollständig geschlossene Oberfläche aus Gorilla-Glas
- Abwasch- und desinfizierbar
- 103-Tasten Layout mit integriertem Touchpad
- 2,4 GHz Funk Technologie
- Hellgrau
- Abmessungen: ca. 470 x 167 x 25,4 mm
- Sprache Deutsch



Weitere Sprachen

Bezeichnung	Sprache	Art.-Nr.
Keyboard Glas Wireless Cleankeys CK4W EN	Englisch	20003531
Keyboard Glas Wireless Cleankeys CK4W FR	Französisch	20003532
Keyboard Glas Wireless Cleankeys CK4W IT	Italienisch	20003533
Keyboard Glas Wireless Cleankeys CK4W SKAN	Skandinavisch	20003534

Weitere Varianten auf Anfrage möglich.

Keyboard Glas Cleankeys CK4 DE 20003951

- Vollständig geschlossene Oberfläche aus Gorilla-Glas
- Abwasch- und desinfizierbar
- 103-Tasten Layout mit integriertem Touchpad
- USB Anschluß
- Hellgrau
- Abmessungen: ca. 470 x 167 x 25,4 mm
- Sprache Deutsch



Weitere Sprachen

Bezeichnung	Sprache	Art.-Nr.
Keyboard Glas Wireless Cleankeys CK4W EN	Englisch	20003731
Keyboard Glas Wireless Cleankeys CK4W FR	Französisch	20003952
Keyboard Glas Wireless Cleankeys CK4W IT	Italienisch	20003953
Keyboard Glas Wireless Cleankeys CK4W US/EU	Englisch intern.	20003954

Weitere Varianten auf Anfrage möglich.

Keyboard Glas Cleankeys CK5 DE

20003790

- Vollständig geschlossene Oberfläche aus Gorilla-Glas
- Abwasch- und desinfizierbar
- 98-Tasten Layout
- Integriertes Touchpad
- USB Anschluß
- Hellgrau
- VESA-Befestigung
- Abmessungen: ca. 405 x 167 x 22,5 mm
- Sprache Deutsch



Weitere Sprachen

Bezeichnung	Sprache	Art.-Nr.
Keyboard Glas Cleankeys CK5 EN	Englisch	20003789
Keyboard Glas Cleankeys CK5 FR	Französisch	20003939
Keyboard Glas Cleankeys CK5 IT	Italienisch	20003955
Keyboard Glas Cleankeys CK5 US/EU	Englisch intern.	20003788

Weitere Varianten auf Anfrage möglich.

Keyboard Cherry G85-23200DE Gray EN

20003211

- Spill resistant
- USB / PS2 connection
- Black
- Dimensions: ca. 472 x 176 x 18 mm
- Language English



Other languages and colors

Description	Language	Color	Part.-No.
Keyboard Cherry G85-23200DE Gray DE	German	Gray	20003210
Keyboard Cherry G85-23200FR Gray FR	Frensh	Gray	20003922
Keyboard Cherry G85-23200ES Gray ES	Spanish	Gray	20003216
Keyboard Cherry G85-23200IT Gray IT	Italian	Gray	20003019

More languages and colors on request.

Mouse Cherry Wheelmouse Optical Gray

20002809

- Mouse weel and 3 keys
- USB / PS2 connection
- Black



More variants available on request.

7.2 Footswitches and remote control

Footswitch USB One Pedal HID G5

20003689

- Footswitch for MediaWorkStation
- 1 Pedal
- Compatible to Windows 10/8/7
- Automatic driver installation
- Controls image OR video recording
- USB connection
- Cable 3m



Footswitch USB Two Pedals HID G5

20003690

- Footswitch for MediaWorkStation
- 2 Pedals
- Compatible to Windows 10/8/7
- Automatic driver installation
- Controls image AND video recording
- USB connection
- Cable 3m



Footswitch Wireless One Pedal HID

20003786

- Footswitch for MediaWorkStation
- 1 Pedal
- Compatible to Windows 10/8/7
- Automatic driver installation
- Controls image OR video recording
- Wireless, receiver USB connection



Footswitch Wireless Two Pedals HID

20003787

- Footswitch for MediaWorkStation
- 2 Pedals
- Compatible to Windows 10/8/7
- Automatic driver installation
- Controls image AND video recording
- Wireless, receiver USB connection



Remote control adapter USB G3

20003312

- Remote control adapter for the MediaWorkStation
- Compatible to most cameras with remote output
- Controls video and/or snapshot recording
- Compatible to Windows 10/8/7
- Automatic driver installation
- Connection to computer USB
- Connection to camera phone plug 3,5mm (other variants on request)
- Cable 3m



7.3 VESA Mounts

VESA Stand H340

20002784

- VESA 75/ 100 adaptation with tilt function
- Wight load 18 kg
- Hight 34 cm
- Gray



VESA Height adjustable arm grey pole 20-40

20002876

- VESA 75/ 100 adaptation with tilt function
- High adjustable with gas spring
- Wight load 9-14 kg
- Light gray
- Pole clamp 20-40 mm (other mounting options on request)



VESA height adjustable arm W-bracket pole 23-40

20003403

- VESA 75/ 100 adaptation with tilt function
- High adjustable with gas spring
- Keyboard tray 400x150 mm
- Wight load 11-14 kg
- Light gray
- Pole clamp 23-40 mm (other mounting options on request)



VESA height adjustable articulating arm grey pole 20-40

20002989

- VESA 75/ 100 adaptation with tilt function
- High adjustable with gas spring
- Three joints
- Wight load 9-14 kg
- Light gray
- Pole clamp 20-40 m (other mounting options on request)



VESA height adjustable articulating arm W-bracket pole 23-40

20003404

- VESA 75/ 100 adaptation with tilt function
- High adjustable with gas spring
- Arm with three joints and keyboard tray 400x150 mm
- Wight load 11-14 kg
- Light gray
- Pole clamp 23-40 mm (other mounting options on request)



Many more variants available on request

7.4 Cable Digital Video

Video Cable Digital DVI/HDMI 1m 20003028

- HDMI Type A (19-pin) Plug / DVI-D Plug
- Supports HDTV and HDCP
- Length 1m



Other cable lengths

Description	Länge	Part.-No.
Video Cable Digital DVI/HDMI 2m	2 m	20002391
Video Cable Digital DVI/HDMI 5m	5 m	20003029

More cable lengths available on request.

Video Cable Digital HDMI 1m 20002387

- HDMI type A plug / plug
- HDMI 1.4a compatible
- Bandwidth: 340MHz / 10,2Gbps
- Supports resolutions up to Full-HD 1080p and higher
- 1m



Other cable lengths

Description	Length	Part.-No.
Video Cable Digital HDMI 2m	2 m	20002388
Video Cable Digital HDMI 5m	5 m	20002389

More cable lengths available on request.

Video Cable Digital DVI 1m 20003026

- DVI-D (Dual Link Digital)
- DVI-D Plug / DVI-D Plug
- Supports resolutions of up to 2560 x 1600 pixels
- Length 1m



Other cable lengths

Description	Länge	Part.-No.
Video Cable Digital DVI 2m	2 m	20002390
Video Cable Digital DVI 5m	5 m	20003027

More cable lengths available on request.

Video Cable Digital DVI/DP 1m

20003104

- DVI-D Plug
- DisplayPort Plug
- DVI-D resolutions up to 1920x1200 pixels
- Length 1m



Other cable lengths

Description	Länge	Part.-No.
Video Cable Digital DVI/DP 2m	2 m	20003103
Video Cable Digital DVI/DP 5m	5 m	20003105

More cable lengths available on request.

Video Cable Digital HD-SDI 1m

20002386

- Video-PatchCable HD-SDI (HDTV)
- BNC/BNC
- 1m
- Blue



Other cable lengths

Description	Length	Part.-No.
Video Cable Digital HD-SDI 2m	2 m	20002409
Video Cable Digital HD-SDI 5m	5 m	20003025

More cable lengths available on request.

7.5 Cable Analog Video

Video Cable Analog Y/C

10000124

- Plug / Plug 4pin mini DIN
- Length 2 m



Video Cable Analog BNC

20001407

- BNC Plug / BNC Plug
- RG59 75 Ohm
- Length 2 m



Video Cable Analog BNC/RCA

20001408

- BNC Plug / RCA Plug
- RG59 75 Ohm
- Length 2 m



Video Cable Adapter BNC/RCA

20001409

- BNC Socket / RCA Plug



7.7 Safety

Network Isolator MED

20002285

- Isolation voltage 5000V
- 10/100/1000Base-T (RJ-45/RJ-45)
- Tested according IEC 60601-1



PE connection lead 4mm² 1m

20003021

- Potential equalization according to DIN 42801.
- Lead cross section 4mm²
- Right angle socket / right angle socket
- Length 1m



Other cable lengths

Description	Length	Part.-No.
PE connection lead 4mm ² 2m	2 m	20003022
PE connection lead 6mm ² 4m	4 m	20003023
PE connection lead 6mm ² 5m	5 m	20003024

More cable lengths available on request.

Product catalog 1-2021



8 Contact

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