

## System features

User console per module	2 (concurrent)
Number of monitors/workstation	1 to 2
Computers per system	1
Signal type/video	digital video
Resolution analog (only connection to workstation)	to 1920 x 1200 @ 60Hz
Resolution digital	from 640 x 480 @ 100 Hz to 1920 x 1200 @ 60 Hz
Digital colour mode	24 bit
Transmission type CPU module – user module	dedicated fibre optic link
Transmission length (max.) CPU – user module	550 m via 2 multimode fibres (50/125 µm)
Transmission length (max.) CPU – user module	10.000 m via 2 singlemode fibres (9/125 µm)
Transmission cable type	fibre optics (2 fibres)
Update process	local service socket
Operating environment	
Temperature	+5 to +45 °C
Air humidity	20 - 80 %, non-condensing
Conformity	CE, RoHS

## System hardware

The design of the system hardware offers a range of advantages in use. The following table illustrates just a few of those benefits.

### Area:

<b>Video</b>	DVI resolutions up to 1920 x 1200 @ 60Hz and 1280 x 1024 @ 85Hz
<b>Connection</b>	Forwarding and saving of enhanced DDC information between remote monitor and computer No installation preparation required Computer hot plug: Computer and system modules can be connected during operation Stay-alive: When switching off the extender the computer remains unaffected
<b>Expansion</b>	Remote power switching with additional component „FIBRE-Power“

## Operating the main components

The system itself needs no explicit operation.  
The switching between the two workstations is carried out automatically via keyboard or mouse inputs.

Operation

## Individual features of the modules

Technical data			Computer module FIBREVision-MC2-CPU	User module FIBREVision-MC2-CON
Power supply	Main	Type	internal power pack	internal power pack
		Connection	1 x IEC plug (IEC-320 C14)	1 x IEC plug (IEC-320 C14)
		Voltage	AC100-240V/60-50Hz 0.5-0.2A	AC100-240V/60-50Hz 0.4-0.2A
	Redundant (optional)	Type	external power pack	external power pack
		Connection	Mini-DIN 4 power socket	Mini-DIN 4 power socket
		Voltage	+12VDC/1.7A	+12VDC/1.5A
Casing	Material	anodised aluminium	anodised aluminium	
	Dimensions (W x H x D)	Desktop	435 x 44 x 210 mm	435 x 44 x 210 mm
		Rackmount	19" x 1 HU x 210 mm	19" x 1 HU x 210 mm
Weight		approx. 3.0 kg	approx. 3.0 kg	
<b>Interfaces/specifications</b>				
for workstation	Monitor		2 x DVI-I socket	2 x DVI-I socket
	Keyboard/mouse		2 x Mini-DIN 6 socket	2 x Mini-DIN 6 socket
	USB keyboard/mouse		–	2 x USB-A socket
to computer	Video CPU		1 x DVI-D socket	–
	Keyboard/mouse CPU		2 x Mini-DIN 6 socket	–
	USB keyboard/mouse CPU		1 x USB-B socket	–
for transmission	CPU module – user module		1 x LC Duplex socket	1 x LC Duplex socket
	No. of fibre optics from CPU module – user module		4	4
for updates			1 x Mini-USB-B socket	1 x Mini-USB-B socket