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:

Video	DVI resolutions up to 1920 x 1200 @ 60Hz and 1280 x 1024 @ 85Hz
Connection	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
Expansion	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-CPU	User module FIBREVision-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 0.3-0.2A	AC100-240V/60-50Hz 0.3-0.2A
	Redundant (optional)	Type	external power pack	external power pack
		Connection	Mini-DIN 4 power socket	Mini-DIN 4 power socket
		Voltage	+12VDC/1,0A	+12VDC/1,0A
Casing	Material		anodised aluminium	anodised aluminium
	Dimensions	Desktop	210 x 44 x 210 mm	210 x 44 x 210 mm
	(W x H x D)	Rackmount	19" x 1 HU x 210 mm	19" x 1 HU x 210 mm
Weight			approx. 1.2 kg	approx. 1.3 kg
Interfaces/specifications				
	for workstation	Monitor	1 x DVI-I socket	1 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	2	2
	for updates		1 x Mini-USB-B socket	1 x Mini-USB-B socket