

## System features

User consoles per system	2 (competing)
Number of monitors/workplaces	1 to 4
Computers per system	1
Signal type/video	digital video
Analog resolution (only connection to workplace)	up to 1920 x 1200 @ 60 Hz and 1280 x 1024 @ 85 Hz
Digital resolution	from 640 x 480 @ 100 Hz to 1920 x 1200 @ 60 Hz
Standards	E-DDC support at DVI
Digital color depth	24 Bit
Type of cable connection	
Computer module – user module	dedicated CAT-x link
Transmission length (max.)	
Computer module – user module	140 m at max. resolution (depending on cable)
Transmission cable type	CAT-x cable
Update process	with wizard at service socket of computer module or user module
Operation environment	
Temperature	Single Channel    +5 bis +45°C Multi Channel 2    +5 bis + 40°C Multi Channel 4    +5 bis + 35°C
Air humidity	20 – 80 %, non-condensing
Conformity	CE, RoHS

x = 5e, 6, 7

## System hardware

The system hardware offers a multitude of advantages. The table below illustrates just a few of those.

### Area:

<b>Video</b>	Forwarding and saving of enhanced DDC info between remote monitor and computer
<b>Connection</b>	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>	Thanks to the different types of signal, the variants always provide the right transmission solution Remote power switching with "DVI Power" add-on component

## Operating the main components

The system itself needs no explicit operation. The system automatically switches to the console at which keyboard and mouse inputs are being made.

Operation

## Individual module features

Technical data		Computer module DVIVision-CPU	User module DVIVision-CON
Power supply	Main	Type	internal power pack
		Connection	1 x inlet connector for non-heating devices (IEC-320 C14)
		Power supply	AC100-240V/60-50Hz 0.4-0.2A
	Redundant (optional)	Type	external power pack
		Connection	mini-DIN 4 Power socket
		Power supply	+12VDC/1.2A
	when equipped with USB 2.0	0.4-0.2A	
	when equipped with USB 2.0	+12VDC/1.2A	
Casing	Material	anodised aluminium	
	Dimensions (W x H x D)	Desktop	210 x 44 x 210 mm
		when equipped with USB 2.0	270 x 44 x 210 mm
	Rackmount	19" x 1 HU x 210 mm	
Weight		approx. 1.2 kg	
	when equipped with USB 2.0	approx. 1.5 kg	
Interfaces	for workplace	Monitor	1 x DVI-I socket
		Keyboard/mouse	2 x mini-DIN 6 socket
		USB keyboard/mouse	–
	to computer	Keyboard/mouse CPU	2 x mini-DIN 6 socket
		Video CPU	1 x DVI-D socket
		USB keyboard/mouse CPU	1 x USB-B socket
	for transmission	Computer module – user module	1 x RJ45 socket
		No. of CAT-x cables Computer module – user module	1
	for updates		1 x 2.5 mm socket

x = 5e, 6, 7

## Individual module features

Technical data		Computer module DVIVision-MC2-CPU	User module DVIVision-MC2-CON
Power supply	Main	Type	internal power pack
		Connection	1 x inlet connector for non-heating devices (IEC-320 C14)
		Power supply	AC100-240V/60-50Hz 0.4-0.3A
	Redundant (optional)	when equipped with USB 2.0	0.6-0.3A
		Type	external power pack
		Connection	mini-DIN 4 Power socket
Casing	Material	anodised aluminium	
	Dimensions (W x H x D)	435 x 44 x 210 mm	
Weight	Desktop	435 x 44 x 210 mm	
	Rackmount	19" x 1 HU x 210 mm	
Interfaces	for workplace	Monitor	approx. 3.0 kg
		Keyboard/mouse	approx. 3.1 kg
	to computer	when equipped with USB 2.0	approx. 3.0 kg
		Keyboard/mouse CPU	approx. 3.1 kg
		Video CPU	approx. 3.0 kg
	for transmission	USB keyboard/mouse	approx. 3.1 kg
		Computer module – user module	approx. 3.1 kg
	for updates	Computer module – user module	approx. 3.1 kg
		Computer module – user module	approx. 3.1 kg
	for updates	Computer module – user module	approx. 3.1 kg
Computer module – user module		approx. 3.1 kg	

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## Individual module features

Technical data			Computer module DVIVision-MC4 CPU	User module DVIVision-MC4 CON
Power supply	Main	Type	internal power pack	internal power pack
		Connection	1 x inlet connector for non-heating devices (IEC-320 C14)	1 x inlet connector for non-heating devices (IEC-320 C14)
		Power supply	AC100-240V/60-50Hz 0.9-0.4A	AC100-240V/60-50Hz 0.9-0.41A
	Redundant (optional)	Type	external power pack	external power pack
		Connection	mini-DIN 4 Power socket	mini-DIN 4 Power socket
		Power supply	+12VDC/3.3A	+12VDC/3.2A
Casing	Material	Upper blade	anodised aluminium	anodised aluminium
		Sub blade	zinc coated steel plate	zinc coated steel plate
	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. 2.8 kg	
Interfaces				
for workplace	Monitor	Keyboard/mouse	4 x DVI-I socket	4 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	Keyboard/mouse CPU	Keyboard/mouse CPU	2 x mini-DIN 6 socket	–
		Video CPU	4 x DVI-D socket	–
		USB keyboard/mouse CPU	1 x USB-B socket	–
for transmission	Computer module – user module	Computer module – user module	4 x RJ45 socket	4 x RJ45 socket
		No. of CAT-x cables		
		Computer module – user module		4
for updates		1 x 2.5 mm socket	1 x 2.5 mm socket	

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