

System features

User per system	2 (concurrent)
Number of monitors/user	1 to 4
Computers per system	1
Video format	analog video
Resolution	up to 1920 x 1440 @ 75 Hz (depending on cable length)
Video bandwidth	250 MHz
Transmission type	
Computer module – user module	dedicated CAT-x link
Transmission length (max.)	
Computer module – user module	300 m (depending on resolution)
Transmission cable type	CAT-x cable
Update process	local service socket
Operation/configuration via	OSD (AdonIS) Individual video tuning (IVT) Hotkeys
Operation environment	
Temperature	+5 to +40 °C
Air humidity	20 – 80 %, non-condensing
Conformity	CE, RoHS

x = 5, 6, 7

System hardware

The design of the system hardware offers a range of advantages in use, and here are just a few of those benefits for illustration.

Area:

Video	VGA resolutions up to 1920 x 1440 @ 75 Hz can be selected Automatic and individual video optimisation possible
Connection	No installation preparations Individual system modules do not need to be switched on in a specific sequence Computer hot-plug: Computer and system modules can be connected during operation Stay-alive: When switching off the extender the computer remains unaffected
Expansion	Thanks to the different types of signal, the variants always provide the right transmission solution Remote power switching with add-on component "CV Power"

Operating the main components

The system itself needs no explicit operation. Additional functions (e.g. blanking) are initiated via the OSD AdonIS or keyboard hotkeys.
The configuration of the system is also carried out via AdonIS.

OSD
(AdonIS and IVT)

Individual features of the modules

Technical data		Computer module CATVision-CPU	User module CATVision-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 140-80 mA
	Redundant (optional)	Type	external power pack
		Connection	mini-DIN 4 Power socket
		Power supply	+12VDC/0.6A
Casing	Material	anodised aluminium	
	Dimensions (W x H x D)	Desktop	210 x 44 x 210 mm
		Rackmount	19", x 1 HU x 210 mm
Weight		approx. 1.2 kg	
Interfaces			
for workstation	Monitor	1 x D-sub HD 15 socket	1 x D-sub HD 15 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	KVM in	1 x 20-pole MDR socket	–
	USB keyboard/mouse in	1 x USB-B socket	–
for transmission	Computer module – user module	1 x RJ45 socket	1 x RJ45 socket
	No. of CAT-x cables from computer module – user module	1	1
for updates		1 x 2.5 mm socket	1 x 2.5 mm socket

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