

System features

Workstation per module	2 (concurrent)
Number of monitors/workstation	1 to 2
Computers per system	1
Signal type/video	analog/digital video
Resolution	from 640 x 350 @ 120 Hz to 1600 x 1200 @ 60 Hz (multi-channel per channel)
Transmission technology	
Computer module – user module	dedicated fibre optic link
Transmission length (max.)	
Computer module – user module	550 m via 2 multimode fibres (50/125 µm)
Transmission length (max.)	
Computer module – user module	10,000 m via 2 singlemode fibres (9/125 µm)
Transmission cable type	Fibre optic (2 fibres)
Update process	local service socket
Operation/configuration via	OSD (AdonIS) Hotkeys
Operation environment	
Temperature	+5 to +40 °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, and here are just a few of those benefits as an illustration.

Area:

Video	VGA resolutions up to 640 x 350 @ 120 Hz to 1600 x 1200 @ 60 Hz digital (Multi-channel per channel)
Connection	No prior installation work Computer hot-plug: Computer and system modules can be connected during operation Stay-alive: When switching off the extender the computer remains unaffected

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)

Individual features of the modules

Technical data		Computer module LwLVision-AR-PC	User module LwLVision-AR-REM	
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 0.3-0.2A	
	Redundant (optional)	Type	external power pack	
		Connection	mini-DIN 4 Power socket	
		Power supply	+12VDC/1.2A	
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. 1.4 kg		
Interfaces/specifications				
for workstation	Monitor	1 x DVI-I socket	1 x DVI-D socket 1 x D-sub HD 15 socket	
		Keyboard/mouse	2 x mini-DIN 6 socket	
	USB keyboard/mouse	–		
	Audio	–		
	Resolution	18 bit digital		
	Sampling rate	48 kHz		
	Bandwidth	22 kHz		
	Microphone pre-amplification	20 dB		
	RS232	–	1 x D-sub 9 plug	
	Transmission rate	max. 57,600 bit/s		
	Signals that can be transmitted:	TxD, RxD, RTS, CTS, DTR, DSR, DCD		
	to computer	Keyboard/Mouse CPU	1 x D-sub HD 15 plug	–
		Video CPU	1 x DVI-I-socket	–
		USB keyboard/mouse CPU	1 x USB-B socket	–
		Audio (for specifications, see above)	2 x 3.5 mm socket (Line in, Line out)	–
RS232 (for specifications, see above)		1 x D-sub 9 socket	–	
for transmission	Computer module – user module	1 x SC Duplex socket	1 x SC Duplex socket	
	No. of optical fibres from Computer module – user module	2		
for updates		1 x 2.5 mm socket	1 x 2.5 mm socket	