6.3

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)

6.3

Individual features of the modules

Technical data		Computer module	User module
		LwLVision-AR-PC	LwLVision-AR-REM
Power supply Main	Туре	internal power pack	internal power pack
	Connection	1 x inlet connector	1 x inlet connector
		for non-heating devices	for non-heating devices
		(IEC-320 C14)	(IEC-320 C14)
	Power supply	AC100-240V/60-50Hz	AC100-240V/60-50Hz
		0.3-0.2A	0.4-0.2A
Redundant (optional)	Туре	external power pack	external power pack
	Connection	mini-DIN 4 Power socket	mini-DIN 4 Power socket
	Power supply	+12VDC/1.2A	+12VDC/1.2A
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. 1.4 kg	approx. 1.3 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	2 x mini-DIN 6 socket
	USB keyboard/mouse	-	2 x USB-A socket
	Audio	-	2 x 3.5 mm socket
			(micro in, speaker)
	Resolution	18 bit digital	
Sampling rate		48 kHz	
	Bandwidth	22 kHz	
	Microphone pre-amplification	20	
	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)	
for transmission	RS232 (for specifications, see above)	1 x D-sub 9 socket	-
	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