



РиГ
Групп Ко



spirit of excellence



Медицинские
мониторы

Medical LCD monitor 4K 55"

Monitor
4



- OptiContrast Panel™ (IPS) with 520 cd/m² and 1400:1 contrast
- Slim housing with narrow edge for optimum use of screen surface
- Outstanding image quality even when displaying zoomed images
- Optimized presets for Richard Wolf

LCD monitor 4K 55" LMD-X550NB

Accessories		Product no.
Monitor cart (trolley)		32116000
Monitor mounting bracket VESA 200 x 400		32116472
Balancing module for RIWomobil without electrical equipment		32116458
Balancing module for RIWomobil with baseline electrics		32116459
RIWomobil device cart		
RIWomobil device cart with baseline electrics and reinforced bridge	100-120 VAC	32116012
	220-240 VAC	32116014
RIWomobil device cart with premium-line electrics and reinforced bridge	100-120 VAC	32116013
	220-230 VAC	32116015
Protective cover		
Protective cover for 55" monitor		53700055

V121 || Subject to modifications. Please note that some products may not be available in all countries. For more detailed information, please consult with your contact partner or directly with Richard Wolf GmbH.

LCD monitor 4K 55"

Technical data

LCD monitor 4K 55"		LMD-X550NB	
Device properties			
Screen diagonal	55"		
Resolution / aspect ratio	3840 x 2160 pixels / 16:9		
Background lighting	LED		
Panel technology	IPS		
Display colors	1,073,000,000		
Contrast	1400 : 1		
Max. luminance	620 cd/m ²		
Response time	20 ms		
Angle of view	178° H / 178° V		
Equipment			
Video input / output	4K in: 1x HDMI or 4x BNC (3G-SDI) out: 4x BNC	HD: in: 5x BNC (3G-/HD-/SD-SDI), 1x DVI-D out: 5x BNC (3G-/HD-/SD-SDI), 1x DVI-D	
VESA mount	VESA200 x 200 VESA300 x 300		
IP rating	IPX2		
Power supply			
Mains + frequency	100 - 240 VAC, 50/60 Hz		
Power consumption	290 VA		
Current rating	2.1 - 1.0 A		
Power supply	Internal power supply unit		
Regulatory standards			
Safety	US/CA: UL 60601-1, CAN/CSA-C22.2 No. 60601-1, EU: EN 60601-1		
EMC	US/CA: FCC Part 15 Class A, ICES-003 Class A, EU: EN 60601-1-2, AU: EN 55011 Class B, J: VCCA Class A*		
CB certification	IEC 60601-1, IEC60065		
Medical device class	MDD (EU): Class I Medical Device FD&C Act FDA: Class II Medical Device		
Dimensions and weight			
Weight	35.2 kg		
Dimensions (W x H x D)	1264.6 x 771.5 x 85.5 mm		

Medical LCD monitor 4K 31"

Monitor
4



- a-Si TFT Active Matrix LCD
- Very bright OptiContrast Panel™ (IPS) with 770 cd/m² and 1450:1 contrast
- Slim housing with narrow edge for optimum use of screen surface
- Outstanding image quality even when displaying zoomed images
- Optimized presets for Richard Wolf
- External power supply unit

LCD monitor 4K 31" LMD-X310NB

Recommended accessories		Product no.
FLEXION-PORT 400 (68 cm) bndl	Swivel arm Mounting on the side in the aluminum profile	321160681
FLEXION-PORT 350+300 (93 cm) bndl		321160931
FLEXION-PORT 400 (68 cm) bndl	Swivel arm Mounting on the reinforced monitor bridge	321160682
FLEXION-PORT 350+300 (93 cm) bndl		321160932
Monitor mounting bracket VESA 75 x 100		321165001
Monitor stand		SU-600MD
External power supply unit AC adapter for LCD monitor 4K 31"		AC-300MD
For extending the power supply unit on the secondary end		
Vector Plus PUR coax cable (50 m)		600-0211
Neutrik XLR3-pin socket		NC3FXX
Neutrik XLR3-pin plug		NC3MXX
Protective cover		
Protective cover for 31" monitor		53700031

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LCD monitor 4K 31"

Technical data

LCD monitor 4K 31"		LMD-X310NB	
Device properties			
Screen diagonal	31"		
Resolution / aspect ratio	4096 x 2160 pixels / 17:9		
Background lighting	LED		
Panel technology	IPS		
Display colors	1,073,000,000		
Contrast	1450:1		
Max. luminance	770 cd/m ²		
Response time	20 ms		
Angle of view	178° H / 178° V		
Equipment			
Video input / output	4K in: 1x HDMI or 4x BNC (3G-SDI) out: 4x BNC	HD: in: 5x BNC (3G-/HD-/SD-SDI), 1x DVI-D out: 5x BNC (3G-/HD-/SD-SDI), 1x DVI-D	
VESA mount	VESA 100 x 100 VESA 200 x 200		
IP rating	IPX2		
Power supply			
Mains + frequency	100 - 240 VAC, 50/60 Hz		
Power consumption	180 VA		
Current rating	2.1 - 1.0 A		
Power supply	External power supply unit		
Regulatory standards			
Safety	US/CA: UL 60601-1, CAN/CSA-C22.2 No. 60601-1, EU: EN 60601-1		
EMC	US/CA: FCC Part 15 Class A, ICES-003 Class A, EU: EN 60601-1-2, AU: EN 55011 Class B, J: VCCA Class A*		
CB certification	IEC 60601-1, IEC60065		
Medical device class	MDD (EU): Class I Medical Device FD&C Act FDA: Class II Medical Device		
Dimensions and weight			
Weight	11.8 kg		
Dimensions (W x H x D)	754 x 456 x 69 mm		
External power supply unit weight	1.5 kg		
External power supply unit dimensions (W x H x D)	245 x 150 x 58 mm / cable length between monitor and power supply unit: 2.8 m		

Medical LCD monitor 27" 4K

Monitor
4



- Very bright panel with 800 cd/m² and 1000:1 contrast
- 4K resolution with 3840 x 2160 pixels
- Slim housing with narrow edge for optimum use of the display
- Direct power supply or optionally via an external power supply unit
- Optimized color matching for Richard Wolf ENDOCAM
- Automatic switching to second monitor input if the connection to input 1 is interrupted

LCD monitor 27" 4K LMD-X2705N

Recommended accessories		Product no.
FLEXION-PORT 300 (58 cm) bndl	Swivel arm Mounting on the side in the aluminum profile	321160581
FLEXION-PORT 350+400 (103 cm) bndl		321161031
FLEXION-PORT 400 (68 cm) bndl		321160681
FLEXION-PORT 350+300 (93 cm) bndl		321160931
FLEXION-PORT 300 (58 cm) bndl	Swivel arm Mounting on the reinforced monitor bridge	321160582
FLEXION-PORT 350+400 (103 cm) bndl		321161032
FLEXION-PORT 400 (68 cm) bndl		321160682
FLEXION-PORT 350+300 (93 cm) bndl		321160932
Monitor mount VESA 75/100		321165001
Monitor stand		SU-600MD
External power supply unit AC adapter for LCD monitor 4K 31"		AC-300MD
For extending the power supply unit on the secondary end		
Vector Plus PUR coax cable 50,00m PUR		600-0211
Neutrik XLR3 pole female cable connector		NC3FXX
Neutrik XLR3 pole male cable connector		NC3MXX
Protective cover		
Protective cover for monitor 27"		53700027

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LCD monitor 27" 4K

Technical data

LCD monitor 27" 4K		LMD-X2705N
Device properties		
Screen diagonal	27"	
Resolution / aspect ratio	3840 x 2160 / 16:9	
Background lighting	LED	
Display colors	1.073.000.000	
Contrast	1000:1	
Max. luminance	800 cd/m ²	
Response time	4 ms	
Angle of view	178° H / 178° V	
Equipment		
Video input / output (SD)	In: 1x HDMI 2.0b, 1x DVI-D, 1x 3G/HD/SD-SDI, 2x display port Out: 1x DVI-D, 1x 3G/HD/SD-SDI, 1x display port	
VESA mount	VESA100 x 100	
IP rating	IPX5 (front), IPX2 (all other sides)	
Power supply		
Mains + frequency	100 - 240 VAC, 50/60 Hz	
Power consumption	149 VA	
Current rating	1.5 to 0.7 A	
Power supply unit	Internal power supply unit	
Regulatory standards		
Safety	US: UL (ANSI_AAMI ES60601-1, FCC (Class A Digital Device) Canada: cUL (Can/CSA-C22.2 (No. 60601-1)), ISED (ISED Class A Digital Device) EU: CE (MDD) (EN 60601-1 + EN60601-1-2)	
CB certification	IEC60065, IEC 62368-1, IEC60601-1	
Medical device class	MDD (EU): Class I Medical Device; FD&C Act FDA: Class II Medical Device	
Dimensions and weight		
Weight	8.8 kg	
Dimensions (W x H x D)	658.8 x 426.8 x 80 mm	

Medical LCD monitor 21.5"

4 Monitor



- HDTV-capable compact widescreen LCD with 21.5" screen diagonal
- Preferably used as a second observation monitor or in combination with ENDOCAM Performance HD / ENDOCAM Flex HD
- Excellent color rendering
- VESA mount for ergonomic fastening to swivel arms

LCD monitor 21.5" **MDRAP21ELXACRW3**

Recommended accessories	Product no.
Stand base - monitor stand	OP-MED-TF-R9016

LCD monitor 21.5"

Technical data

LCD monitor 21.5"		MDRAP21ELXACRW3
Device properties		
Screen diagonal	21.5"	
Resolution / aspect ratio	1920 x 1080 pixels / 16:9	
Background lighting	LED	
Display colors	16,700,000	
Contrast	1000:1	
Max. luminance	250 cd/m ²	
Response time	14 ms	
Angle of view	178° H / 178° V	
Equipment		
Video input / output (SD)	in: 1x DVI-I, 1x VGA, 1x display port	
Signal inputs	1x VGA (HD 15)	
VESA mount	VESA 100 x 100	
IP rating	IPX1	
Power supply		
Mains + frequency	100 - 250 VAC, 50/60 Hz	
Power consumption	85 VA	
Power supply	External power supply unit	
Regulatory standards		
Safety	EU: EN 60601-1	
Medical device class	MDD (EU): Class I Medical Device	
Dimensions and weight		
Weight	5.7 kg	
Dimensions (W x H x D)	537 x 384 x 236 mm	