

19" ENDOSCOPY COLOUR LCD DISPLAY



FEATURES



The AG – 19RE, 1.3 MegaPixel Endoscopy colour LCD Display, is designed specifically for medical imaging / surgical environments / video endoscopy cart installations to meet demanding surgical procedures.

With the stringent medical safety requirements, 8-bit signal processing performance and strong colour image technology in RGB (Red/Green/Blue), AG-19RE colour LCD display is ideally suited for use in the surgical environment, such as O.R. for Laparoscopy, Gastroscope, Cystroscope, Vaginoscope, Metroscope, Thoracoscope, Orthopedics, Urology, video endoscopy cart installations, or any medical settings where superb image quality, excellent contrast capability, high brightness and accurate colour reproduction are required.

- Supreme Performance & Natural Colour Reproduction**
- Colour Control in Detail**
- 12-Bit Gamma Correction**
- Monochrome Switch (DICOM)**
- "Blue Only" Colour Fine-tuning**
- Selectable Scan Size of Pictures**
- User Memory Saving & Loading**
- Input/Output Video Versatility: S-Video, CVBS, RGB Component, and SD-SDI**
- Built-in SD-SDI for Long Distance Signal Transmission (~200 meters)**
- IP 22 Dust/Water Resistance Technology**
- Fan-less Design**
- Compliant to Medical Safety Standard**
- Protective NeoV Optical Glass™ technology**
- Distinctive Metal Alloy Housing**
- Kensington Security Socket**
- VESA Standard Wall Mount**

Photos non contractuelles
Les spécifications sont données à titre indicatif ; elles sont susceptibles d'être modifiées sans préavis.

Toutes les marques citées sont déposées par leurs propriétaires respectifs.
ACEL GENESYS SA.S. – Z.A. – 1, route de Galluis – 78940 La Queue Lez Yvelines
Tél : 01.34.86.45.56 – Fax : 01.34.86.42.83 – <http://www.acelgenesys.fr>



LCD Médical AG-19RE

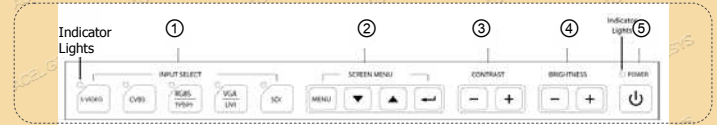
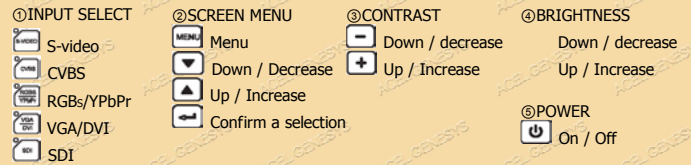
SPECIFICATION

Display	Panel Type	TFT Active Matrix LCD	
	Panel Size	19" (483mm)	
	Resolution	SXGA 1280 x 1024	
	Aspect Ratio	5:4	
	Pixel Pitch	0.294 x 0.294mm	
	Brightness	300cd/m ² (Typical)	
	Contrast Ratio	450:1 (Typical)	
	Viewing Angle (H/V)	170°/170°	
	Display Color	16.7M (8 bits)	
	Response Time	10 ms (GTG)	
NeoV Optical Glass	Frequency (H/V)	H:14kHz-85kHz / V:49Hz-85Hz	
	Life Time	40,000hrs (Typical)	
	Display Functions	Gamma, DICOM	
	Thickness	3.0mm (0.18")	
	Reflection Rate	<1%	
	Transmission Rate	>96%	
	Hardness	>6H (MOH's Rating)	
	Input	Analog	15-Pin D-Sub (female)
		Digital	24-Pin DVI-D
		S-Video	4-Pin mini din
CVBS		BNC x 1	
Component/RGBs		BNC x 4	
SD-SDI		BNC x 1	
Output	Control	A 9-Pin D-Sub GPI (female)	
	S-Video	4-Pin mini din, 75 Ω termination	
	CVBS	BNC x 1, 75 Ω termination	
	Component/RGBs	BNC x 4, 75 Ω termination	
	SD-SDI	BNC x 1, 75 Ω termination	
	Mounting Regulation Approval	VESA FPMPMI	Yes (100mm)
Certifications & Compliance		UL/CUL(UL60601-1, CAN/CSA C22.2 No.601.1), FCC, CB(IEC60601-1), CE(IEC60601-1, IEC60601-2, EN60601-1, EN60601-1-2, IP22), WEEE, RoHS	
VESA		DDC 2B, DCC/CI 1.22	
(a) External Power		Input DC 24V, 3.0A	
(b) Internal Power		AC 100-240V, 1.2~0.6A, 50/60Hz	
Power Consumption		<65W (On) <15W (Off)	
Operating		-10~50°C (14~122°F)	
Storage & Trans.		-20~60°C (-4~140°F)	
Operating		10~90% RH	
Storage & Trans.		5~95% RH	
Air Pressure	Operating	Sea level to 12,000 ft	
	Storage & Trans.	Sea level to 40,000 ft	
Language	OSD	EN, FR, DE, IT, ES, CN	
Dimensions	Net (W x H x D)	420 x 365.5 x 82.5mm (16.5" x 14.4" x 3.2")	
	Packing (W x H x D)	550 x 550 x 265mm (21.7" x 21.7" x 10.4")	
Weight	Net Weight		
	(a) External Power	7.54Kg (16.6lbs)	
	(b) Internal Power	7.88Kg (17.4lbs)	
Accessories	Supplied	D-Sub cable, DVI cable, warranty card, user manual, AC power cord 1.8M; Power adaptor 3M for (a)	
	Optional	Display pedestal for AG-19RE	

All specifications are subject to change without prior notice

DISPLAY DESCRIPTION

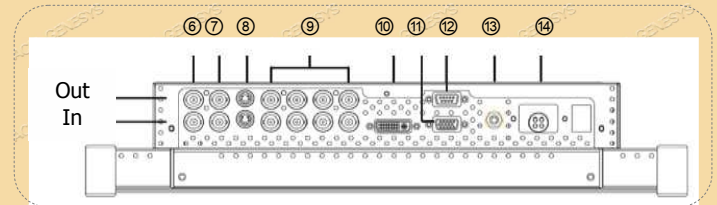
Front Keypad



Connectivity

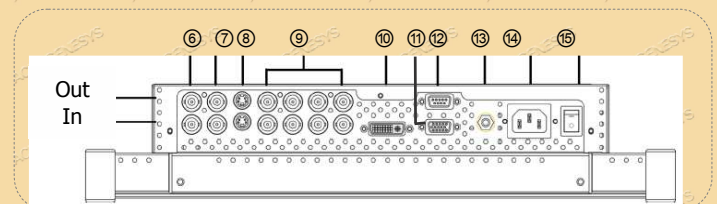
(a) External Power Supply Version

- ⑥ SDI BNC input/output
- ⑦ CVBS BNC input/output
- ⑧ S-Video mini-din input/output
- ⑨ YPbPr/RGB (Component) EXT SYNC (external sync) G/Y/Y BNC input/output B/Pb/Cb BNC input/output R/P/C BNC input/output
- ⑩ DVI-D connector
- ⑪ VGA D-Sub 15-Pin
- ⑫ GPI D-Sub 9-Pin
- ⑬ Equipotential Terminal
- ⑭ 24Vdc DC Input

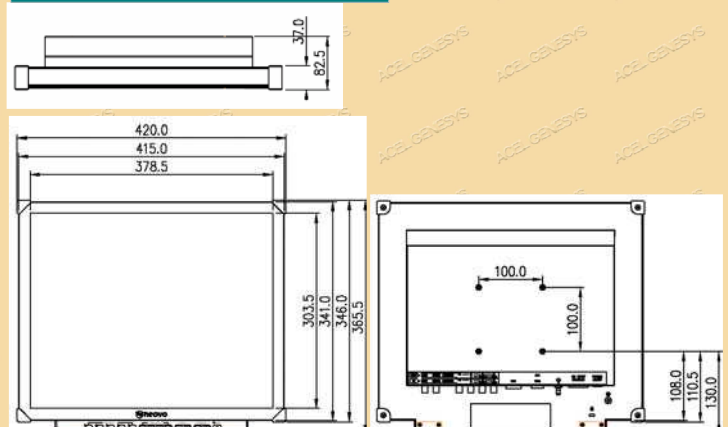


(b) Internal Power Supply Version

- ⑥ SDI BNC input/output
- ⑦ CVBS BNC input/output
- ⑧ S-Video mini-din input/output
- ⑨ YPbPr/RGB (Component) EXT SYNC (external sync) G/Y/Y BNC input/output B/Pb/Cb BNC input/output R/P/C BNC input/output
- ⑩ DVI-D connector
- ⑪ VGA D-Sub 15-Pin
- ⑫ GPI D-Sub 9-Pin
- ⑬ Equipotential Terminal
- ⑭ AC Input
- ⑮ Power Switch



DIMENSION



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