

STM-150/170/190

15/17/19" LCD Monitors with 4:3 aspect ratio

- Rugged metal casing
- PC connection to VGA port (XGA, 16.7 mln colors)
- On-screen menus for adjusting monitor settings
- Two loop-through video inputs (BNC and S-Video)
- Maximum brightness of 300 cd/m²; maximum contrast ratio of 1000:1
- Quick response time
- Adjustable display modes for dynamic and static video
- Long-life backlight lamps backlights
- Slim design, thin screen frame
- Easy installation
- Audio input



*STBM1X desktop stand is optional

STM-150/170/190 monitors have aspect ratio of 4:3. Slim design and thin screen frame provide maximum space saving. With optional mounts you can install the LCD monitor on a desk or wall.

Dynamic image without smear

The STM150/170/190 monitors offer high contrast ratio which ensures enhanced picture detail. The LCD monitors deliver high quality dynamic video.

The STM-150/170/190 provide accurate color rendering including dark colors, and allow an operator to see detailed picture even under bright light. The STM-150/170/190 have horizontal viewing angle of

130°, 160°, 160°, correspondingly. Maximum brightness is 300 cd/m². Operator can adjust brightness and contrast levels as well as many other settings using user-friendly on-screen menus.

Easy installation

For easy installation, four mounting holes are provided in the corners of the LCD monitors. There are four VESA-compliant (75 mm) mounting holes in the center of the monitor's back panel, allowing to use both Smartec and third-party brackets and mounts. You can mount the STM-150/170/190 on the wall, or with optional STB-M1X stand, place it on your desk like an ordinary monitor.

Specifications

Model:	STM-150	STM-170	STM-190
Diagonal size:	15"	17"	19"
Effective Pixels:	1024x768, RGB	1280x1024, RGB	
Pixel Pitch:	0.297x0.297 mm	0.264x0.264 mm	0.294x0.294 mm
Resolution:	> 540 TVL		
Color Depth:	6 bit, 16.7 mln. colors	8 bit, 16.7 mln. colors	
Brightness:	250 cd/m ²	300 cd/m ²	300 кд/м ²
Contrast Ratio:	450:1	1000:1	1000:1
Viewing angle (L/R/U/D):	65°/65°/45°/55°	80°/80°/80°/80° (typical)	
Backlight Type/Panel Lamp Life	2CCFL/40 000 h	4CCFL/50 000 h	
Response Time:	16 ms	5 ms	
Video			
Video Standard:	PAL		
Scanning Type:	Digital progressive scanning		
Video Inputs:	Composite: 2xBNC, 1 Vp-p, 75 Ohms, loop-through; 2xS-Video: 4-pin Mini-Din, loop-through, brightness: 0.7 V / color: 0.3 V, 75 Ohms		
Termination:	75 Ohms, Auto		
Audio Input:	2xRCA (stereo)		
Audio Output:	2x0.5 W		
ПК			
Input signal:	Analog RGB (0.714 V, 75 Ohms), vertical and horizontal synchronization		
Connector:	15-pin D-Sub		
Resolution:	VGA: 640x480 / 60-75 Hz SVGA: 800x600 / 56-75 Hz XGA: 1024x768 / 60-75 Hz	VGA: 640x480 / 60-75 Hz SVGA: 800x600 / 56-75 Hz XGA: 1024x768 / 60-75 Hz SXGA: 1280x1024/60 Hz	
Plug&Play:	DDC2B		
Settings:	Brightness, Contrast, Hue, Color, Sharpness, Dynamic image optimization		
Input Voltage:	12 VDC ± 5%		
Power Consumption:	30 W (max.)	41 W (max.)	45 W (max.)
Standby :	<2 W		
Power Jack :	5.5/2.1 mm		
Dimensions (LxHxD):	349.2 x 285.7 x 43 mm	398x334x49.5 mm	419x362x54 mm
Weight:	2.7 kg	4 kg	5.1 kg
Operating Temperature:	0 to +40°C		
Casing:	Aluminium		
Casing Color:	Black		
Supplied Accessories:	VAC Adapter, VGA cable, Power cord, User Guide; CD		

Accessories

STB-M1X	Desktop stand for Smartec 15", 17", 19" LCD monitors
STB-M37G	Wall bracket for Smartec LCD monitors
STB-M775	Wall/ceiling bracket for Smartec LCD monitors up to 20"