

MULTEOS M46



- Full HD resolution (1920 x 1080, native)
- HDMI and DVI-D (HDCP) input
- Sleek, stylish design
- Large number of interfaces and signals including SCART
- Analogue tuner (optional)
- Sophisticated overheating protection
- Option slot
- Programmable LUT
- Example of target applications:
 - Bars
 - (Video-) Conferencing
 - Broadcast
 - Retail Signage



MULTEOS M46

Panel Technology	S-PVA LCD
Active Screen Area (W x H) [mm]	1018.1 x 572.7
Screen Size [inch/cm]	46/117
Viewing Angle (typ.)	178° horizontal / 178° vertical (at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.530 x 0.530
Contrast Ratio (typ.)	1200:1
Brightness (typ.) [cd/m ²]	450
Response Time (typ.) [ms]	8 (grey-to-grey)
Colours [million]	16.77
Horizontal Frequency [kHz]	31.5-91.1 (analog and digital)
Vertical Frequency [Hz]	50.0-85.0
Optimum Resolution	1920 x 1080 at 60 Hz
Native Resolution	1920 x 1080 at 60 Hz
Other Resolutions	1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 634; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 5 x BNC, Component, Composite (via BNC and Cinch); 1 x S-Video; 1 x Dsub 15; Digital: DVI-D (with HDCP), HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch, 1 x 3.5 mm
Audio Output	1 x Cinch
Option Slot	CAT 5 receiver, HD-SDI board, Single board computer, DVI daisy chain board
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	UL/C-UL or CSA; FCC Class B; TÜV GS; VCCI; CE; C-tick; PSB; Gost-R
Power Consumption on Mode [W]	260
Power Consumption Power-Saving Mode [W]	< 5; < 1 (super standby mode)
Power Management	VESA DPMS
Power Requirements	100-120/220-240V; 3.9/1.65A; internal power supply
Ambient Temperature (operating) [°C]	+ 5 to + 40
Ambient Humidity [%]	10 to 80
VESA Mounting	600 x 200 FDMI (v1 + r1); 18 holes
Dimensions (W x H x D) [mm]	With stand: 1112.8 x 704.4 x 400 Without stand: 1112.8 x 659.4 x 142.5
Bezel Width [mm]	45.7 left/right; 41.9 top/bottom
Specials	Scheduler (with RTC); OmniColor™: sRGB Support and 6-Axis-Colour-Control; AutoBright (Signal Input); Off-Timer; TileMatrix (5 x 5); Colour Temperature Mode; PIN Code Protection; DICOM Profile; SCART Support; CableComp (digital 30m, analog 100m); Selectable ID; Picture-in-Picture Mode; Picture-over-Picture Mode; NaViSet® and NaViSet® Administrator compatible; Overheating Protection with Controllable Fans; Power-On Delay
Weight [kg]	With stand: 39.3 Without stand: 35.2
Supported TV Standards	NTSC; PAL, SECAM
Video Modes	480i; 480p; 576i; 576p; 2 x 720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
Audio Functions	Optional speakers (15 W + 15 W)
Interface Versions	IT: DVI-D; Dsub 15; 5 x BNC (in/out) AV: All interfaces; no TV tuner AVT: All interfaces; analog TV tuner
Remote Control	RS-232C (9 pin Dsub) Input and Output; Dsub 15 and DVI-D (DDC/CI); Remote Control IR
Shipping Content	Display, Stand; Power Cable; Remote Control (IR); CD Manual; VGA-VGA Cable
Warranty	3 years warranty including backlight

