

BriteMED® 27" Medical Monitor

High Brightness for Surgical Imaging



* Stand is optional

Benefits



Versatile Connection

Multiple inputs enable flexible connection by applications: VGA & DVI input for general connection, HDMI input/output featuring PIP/PBP function for multi-modality, and optional 3G-SDI module for advanced endoscopy system.



Accurate Image Viewing

The compliance with DICOM/ GAMMA ensures optimized color and gray scale reproduction for best image accuracy.



Exceptional Clarity

The 700-nits high brightness enhances clarity and details for both color and grayscale images.



Multimodality Imaging

The picture-in-picture (PIP) and picture-by-picture settings allow multimodality display capability for various image combinations.

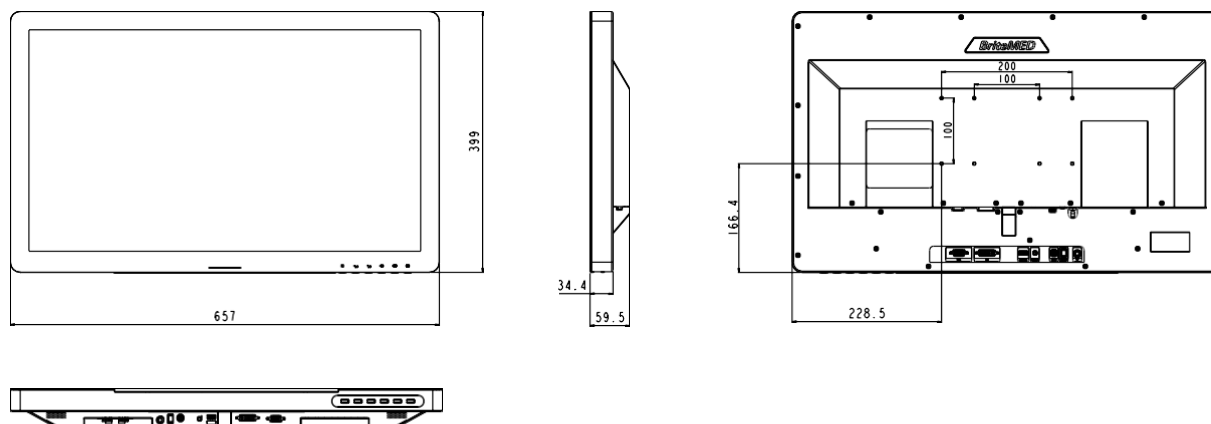
Selection Guide

	With VGA & DVI input for general connection	With analog video input for traditional system	With 3G-SDI input for advanced system
Without HDMI Input/output	MMS-27C	MMS-27CA	MMS-27CS MMS-27CAS
With HDMI Input/output for PIP/PBP Display	MMS-27CH	MMS-27CAH	MMS-27CHS MMS-27CAHS

Specifications

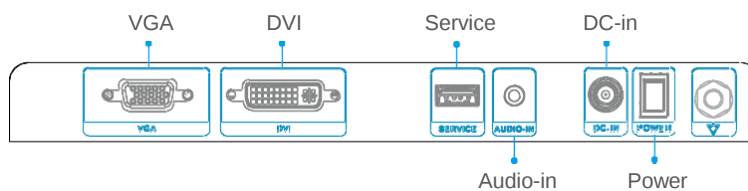
Model		MMS-27C	MMS-27CA	MMS-27CH	MMS-27CAH	MMS-27CS	MMS-27CAS	MMS-27CHS	MMS-27CAHS
Description		General VGA, DVI inputs	Multiple analog inputs	VGA, DVI, and HDMI inputs	VGA, DVI, analog, and HDMI inputs	VGA, DVI, and 3G-SDI inputs	Analog and 3G-SDI inputs	HDMI and 3G-SDI inputs	Analog, HDMI, and 3G-SDI inputs
Picture Performance	LCD Size	27" (16:9)							
	Panel Type	Color (IPS)							
	Backlight	LED							
	Resolution	1920 (W) x 1080 (H) pixels							
	Brightness (max.)	700 nits (typical)							
	Contrast Ratio	1000:1 (typical)							
	View Angle (H/V)	178° / 178° (typical)							
	Color Temperature	Factory calibrated 5500K, 6500K, 7500K, 9300K							
	Gamma Correction	Factory calibrated gamma 2.0 & DICOM							
Function	Function Keys	1 x MENU 1 x Input source 1 x Custom input				1 x Backlight up /+ 1 x Backlight down / - 1 x Image size adjustment			
Input	VGA (DB-15)	1							
	DVI-D	1							
	HDMI	N/A	N/A	1	1	N/A	N/A	1	1
	Component	N/A	BNC x 5 (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)	N/A	BNC x 5 (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)	N/A	BNC x 5 (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/ V-Sync)	N/A	BNC x 5 (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)
	CVBS	N/A	BNC x 1 (NTSC, PAL)	N/A	BNC x 1 (NTSC, PAL)	N/A	BNC x 1 (NTSC, PAL)	N/A	BNC x 1 (NTSC, PAL)
	S-Video	N/A	1	N/A	1	N/A	1	N/A	1
	3G-SDI	1							
	Audio	Phone jack x 1							
	Output	HDMI	N/A	N/A	1, loop through	1, loop through	N/A	N/A	1, loop through
Component		N/A	BNC x 5, loop through (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)	N/A	BNC x 5, loop through (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)	N/A	BNC x 5, loop through (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)	N/A	BNC x 5, loop through (Y/Pb/ Pr, R/Gs/B, R/G/ B/C-Sync, R/G/B/ H-Sync/V-Sync)
CVBS		N/A	BNC x 1, loop through (NTSC, PAL)	N/A	BNC x 1, loop through (NTSC, PAL)	N/A	BNC x 1, loop through (NTSC, PAL)	N/A	BNC x 1, loop through (NTSC, PAL)
S-Video		N/A	1, loop through	N/A	1, loop through	N/A	1, loop through	N/A	1, loop through
3G-SDI		N/A	N/A	N/A	N/A	1, loop through			
Audio		0.8W x 2							
General		Power Requirement	10V~28V DC input						
	Power Adaptor	Medical grade power adaptor: input: 100-240V AC 50-60Hz; output: 12V DC/7.5A							
	Dimensions	657 (L) x 399 (W) x 59.5 (H)mm							
	Weight	10 kg							
	Mounting Standard	VESA 100 x 100 mm / 200 x 100 mm							
	Environment	Operating Temperature	0°C~40°C						
Operating Humidity		10%~90% (non-condensing)							
Storage Temperature		-20°C ~60°C							
Storage Humidity		10%~90% (non-condensing)							
Certifications & Compliance		ANSI/AAMI ES60601-1, EN60601-1, CAN/CSA C22.2 No. 60601-1, and FCC Class B part 18							
Package Content	Monitor	1	1	1	1	1	1	1	1
	Power Adaptor	1	1	1	1	1	1	1	1
	Power Cord	1	1	1	1	1	1	1	1
	Grounding Cable	1	1	1	1	1	1	1	1
	VGA Cable	1	1	1	1	1	1	1	1
	DVI Cable	1	1	1	1	1	1	1	1
	HDMI Cable	N/A	N/A	1	1	N/A	N/A	1	1
	USB Cable	1	1	1	1	1	1	1	1
	User Manual (USB flash drive)	1	1	1	1	1	1	1	1

Dimensions (unit: mm)

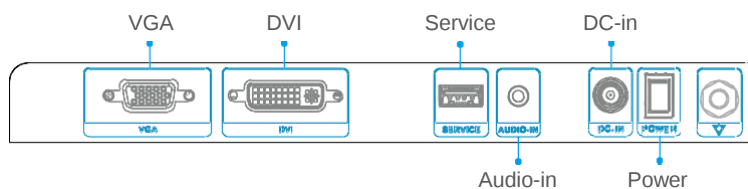
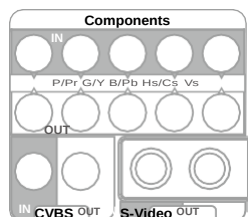


I/O Interface

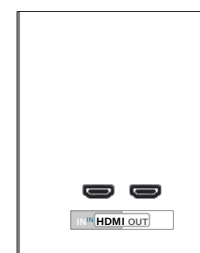
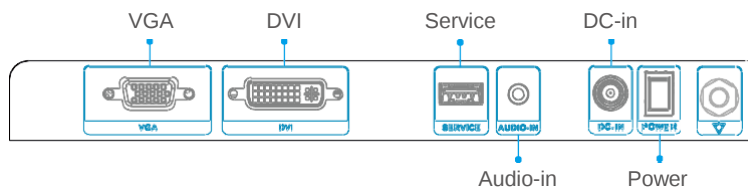
MMS-27C



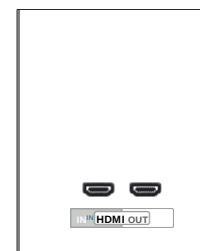
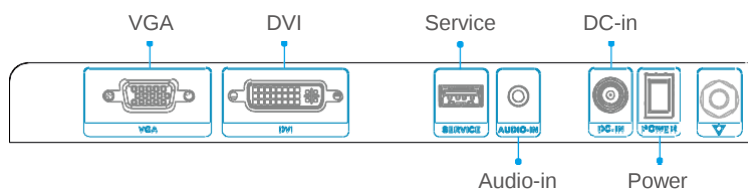
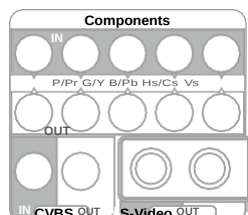
MMS-27CA



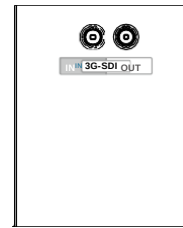
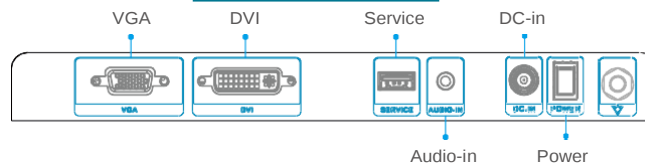
MMS-27CH



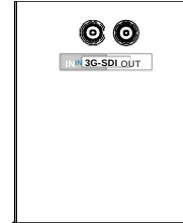
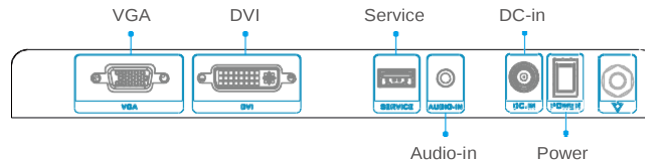
MMS-27CAH



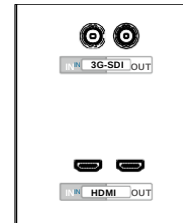
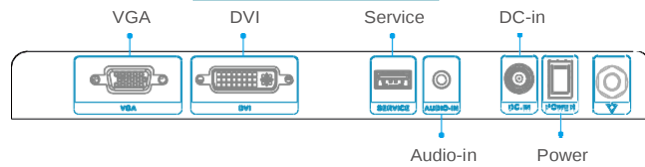
MMS-27CS



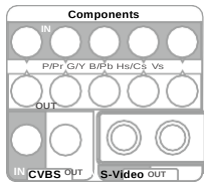
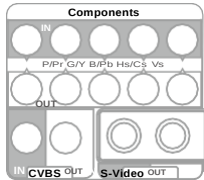
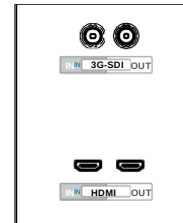
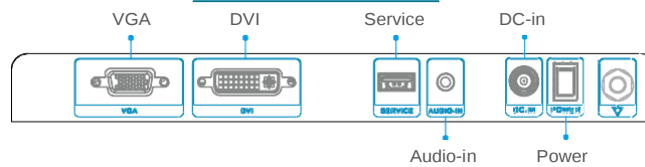
MMS-27CAS



MMS-27CHS



MMS-27CAHS



Ordering Information

Part No.	Description
MMS-27C-R10	27" 1920x1080 color monitor, VGA/DVI-D input, 100-240V AC to 12V DC power adaptor
MMS-27CA-R10	27" 1920x1080 color monitor, VGA/DVI-D/Component/CVBS/S-Video input, 100-240V AC to 12V DC power adaptor
MMS-27CH-R10	27" 1920x1080 color monitor, VGA/DVI-D/HDMI input, 100-240V AC to 12V DC power adaptor
MMS-27CAH-R10	27" 1920x1080 color monitor, VGA/DVI-D/Component/CVBS/S-Video/HDMI input, 100-240V AC to 12V DC power adaptor
MMS-27CS-R10	27" 1920x1080 color monitor, VGA/DVI-D/3G SDI input, 100-240 VAC to 12V DC power adaptor
MMS-27CAS-R10	27" 1920x1080 color monitor, VGA/DVI-D/Component/CVBS/S-Video/3G SDI input, 100-240 VAC to 12V DC power adaptor
MMS-27CHS-R10	27" 1920x1080 color monitor, VGA/DVI-D/HDMI/3G SDI input, 100-240 VAC to 12V DC power adaptor
MMS-27CAHS-R10	27" 1920x1080 color monitor, VGA/DVI-D/Component/CVBS/S-Video/HDMI/3G SDI input, 100-240 VAC to 12V DC power adaptor

Factory Options

Part No.	Description
STAND-DWH-R10	VESA 75/100 stand, supports up to 15 kg, white
WK-E35M-R10	VESA 100/200/200x100 wall mount kit, supports up to 35 kg, silver



MMS-27-Series_
datasheet_V2_20210201

BriteMED Technology Inc.

3F., No.306/306-3, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 22146, Taiwan

TEL: +886-2-86919498

FAX: +886-2-86919468

www.britemed.com.tw

Specifications may change without further notice.
© 2019 BriteMED Technology Inc. All rights reserved.

Celebrate Humanity With Technology