

BriteMED® MMS-21C

A full-HD LCD medical monitor with VGA and DVI-D inputs



* Stand is optional

Features

- Standard DVI-D and VGA inputs
- Full-HD LCD panel for exceptional display clarity
- DICOM/Gamma calibration for best image accuracy
- Easy-disinfection panel for hygienic purpose
- Optional display layout adjustment: picture-in-picture & picture by picture

Specifications

MMS-21C	
Description	Non-touchscreen with VGA, DVI-D inputs
Display	
LCD Size	21.5" (16:9)
Resolution	1920 (W) x 1080 (H) pixels
Brightness(max.)	250 nits (typical)
Contrast Ratio	5000:1 (typical)
View Angle (H/V)	178°/178° (typical)
General	
Color Temperature	Factory calibrated 3600K, 4500K, 5500K, 6500K, 7500K, USER
Gamma Correction	Factory calibrated gamma 2.0 & DICOM
Power Requirement	Medical grade power adaptor:100~240V AC 1.0-0.6A 50~60Hz, 12V DC 2.5A
Function Keys	1 x OSD rotary knob 1 x Input source quick selection 1 x Monitor Sleep
Dimensions (Lx W x H)	530.3 x 325 x 53mm
Weight	6.2kg
Operating Temperature	0°C~40°C
Storage Temperature	-20°C ~60°C
Medical Certifications	AAMI ES 60601-1 and EN 60601-1
Input	
VGA (DB-15)	1
DVI-D	1
Audio	Phone jack x 1
Output	
Audio	2W x 2
Optional Interfaces	
HDMI 1.4	Input: HDMI 1.4 x 1, Output: HDMI 1.4 x 1 (loop through)
3G-SDI	Input: 3G-SDI x 1, Output:3G-SDI x 1 (loop through)
Package Content	
Package Content	<ul style="list-style-type: none"> • Monitor x 1 • Power Adapter x 1 • VGA Cable x 1

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IEIMobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

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ORing Network Communication

6

Automation Control

7

Optional Peripherals

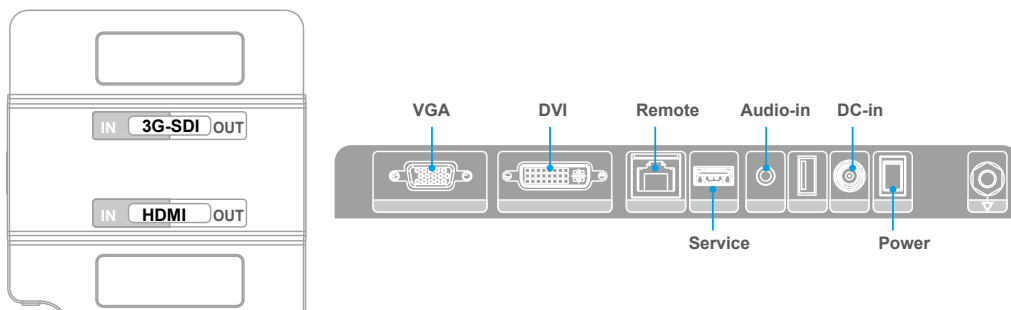
Ordering Information

Part No.	Description
MMS-21C-R10	21.5" 1920x1080 color monitor, VGA/DVI-D input, 100~240 VAC to 12V DC power adaptor
MMS-21CH-R10	21.5" 1920x1080 color monitor, VGA/DVI-D/HDMI input, 100~240 VAC to 12V DC power adaptor

Options

Part No.	Description
MMSO-3GSDI-R10	3GSDI input & loop-through add-on module
MMSO-HDMI-R10	HDMI 1.4 input & loop-through add-on module

Signal Interface



* SDI and HDMI connectors are optional interfaces.

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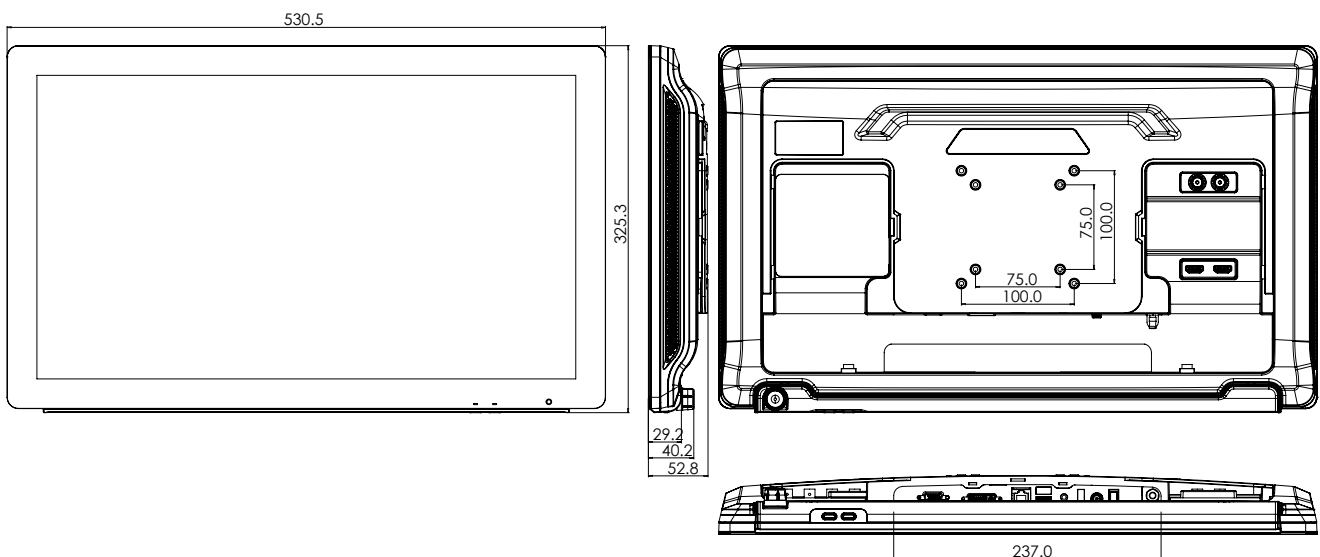
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Communication

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Automation
Control

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Optional
Peripherals

MMS-21C Dimensions (Unit: mm)



BriteMED® MMS-21CA

A versatile medical monitor with multiple digital and analog inputs



* Stand is optional

Features

- Includes DVI-D, VGA, component, NTSC/PAL, S-Video inputs
- Built-in loop through technology for simultaneous display on different monitors
- DICOM/Gamma calibration for best image accuracy
- Optional display layout adjustment: picture-in-picture & picture-by-picture
- Satisfies different installation needs by VESA 75/100 mounting

Specifications

MMS-21CA	
Description	Non-touchscreen with VGA, DVI-D and analog inputs
Display	
LCD Size	21.5" (16:9)
Resolution	1920 (W) x 1080 (H) pixels
Brightness(max.)	250 nits (typical)
Contrast Ratio	5000:1 (typical)
View Angle (H/V)	178°/178° (typical)
General	
Color Temperature	Factory calibrated 3600K, 4500K, 5500K, 6500K, 7500K, USER
Gamma Correction	Factory calibrated gamma 2.0 & DICOM
Power Requirement	Medical grade power adaptor: 100~240V AC 1.0-0.6A 50~60Hz, 12V DC 2.5A
Function Keys	1 x OSD rotary knob 1 x Input source quick selection 1 x Monitor Sleep
Dimensions (Lx W x H)	530.3 x 325 x 53mm
Weight	6.2kg
Operating Temperature	0°C~40°C
Storage Temperature	-20°C ~60°C
Medical Certifications	AAMI ES 60601-1 and EN 60601-1
Input	
VGA (DB-15)	1
DVI-D	1
Component	BNC x 1 (Y/Pb/Pr, R/Gs/B, R/G/B/C-Sync, R/G/B/H-Sync/V-Sync)
CVBS	BNC x 1 (NTSC, PAL)
S-Video	1
Audio	Phone jack x 1
Output	
Component	BNC x 1, loop through(Y/Pb/Pr, R/Gs/B,R/G/B/C-Sync, R/G/B/H-Sync/V-Sync)
CVBS	BNC x 1, loop through (NTSC, PAL)
S-Video	1, loop through
Audio	2W x 2
Optional Interfaces	
HDMI 1.4	Input: HDMI 1.4 x 1, Output: HDMI 1.4 x 1 (loop through)
3G-SDI	Input: 3G-SDI x 1, Output: 3G-SDI x 1 (loop through)
Package Content	
Package Content	• Monitor x 1 • Power Adapter x 1 • VGA Cable x 1

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- 3 Healthcare Panel PC Solution
- 4 Industrial System
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- 6 Automation Control
- 7 Optional Peripherals

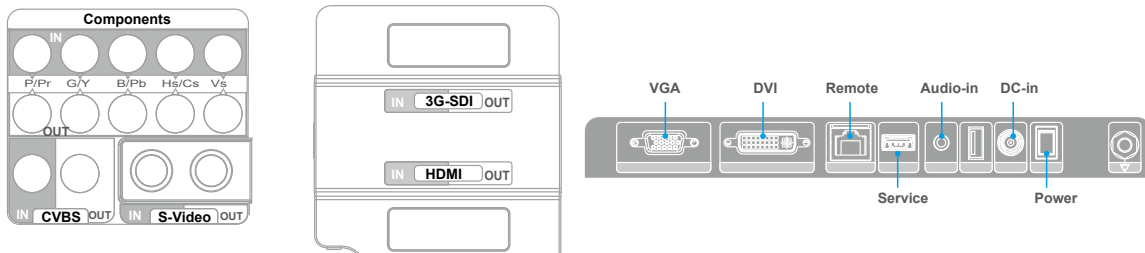
Ordering Information

Part No.	Description
MMS-21CA-R10	21.5" 1920 x 1080 color monitor, VGA/DVI-D/Component/CVBS/S-Video input, 100~240 VAC to 12V DC power adaptor

Options

Part No.	Description
MMSO-3GSDI-R10	3GSDI input & loop-through add-on module
MMSO-HDMI-R10	HDMI 1.4 input & loop-through add-on module

Signal Interface



* SDI and HDMI connectors are optional interfaces.

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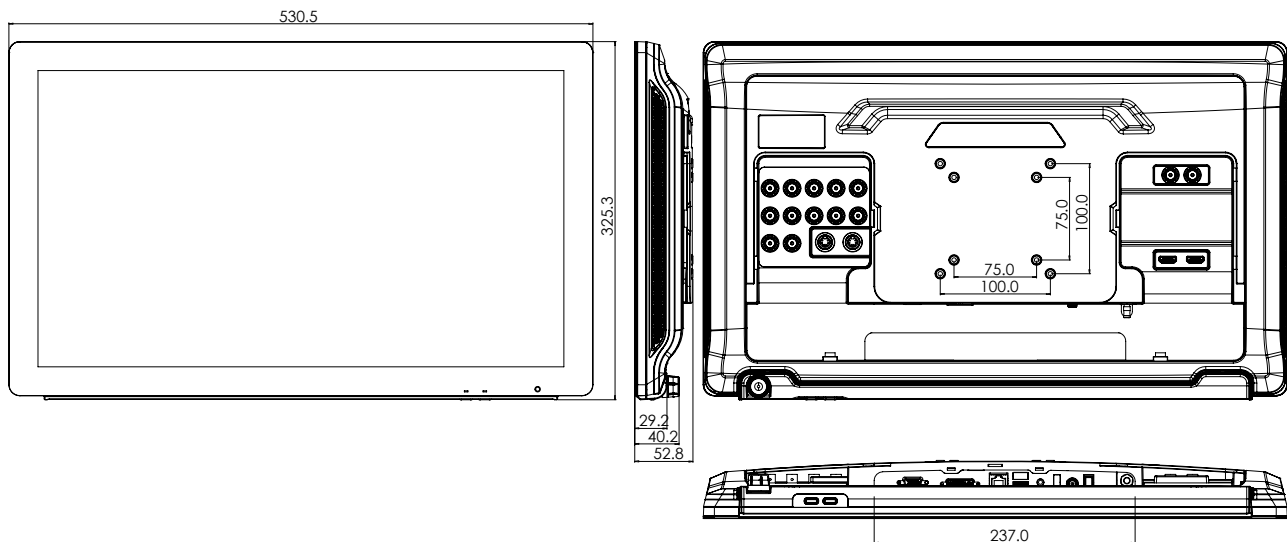
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Optional
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MMS-21CA Dimensions (Unit: mm)



BriteMED® MMS-21CT

A full-HD LCD monitor with touch screen



* Stand is optional

Features

- Built-in projected capacitive touchscreen for quick patient record input
- Full-HD LCD panel in high resolution/contrast ratio and wide viewing angle
- DICOM/Gamma calibration for best image accuracy
- Easy-disinfection panel for hygienic purpose
- Optional display layout adjustment: picture-in-picture & picture-by-picture

Specifications

MMS-21CT	
Description	Touchscreen with VGA and DVI-D inputs
Display	
LCD Size	21.5" (16:9)
Resolution	1920 (W) x 1080 (H) pixels
Brightness(max.)	250 nits (typical)
Contrast Ratio	5000:1 (typical)
View Angle (H/V)	178°/178° (typical)
General	
Color Temperature	Factory calibrated 3600K, 4500K, 5500K, 6500K, 7500K, USER
Gamma Correction	Factory calibrated gamma 2.0 & DICOM
Power Requirement	Medical grade power adaptor:100~240V AC 1.0-0.6A 50~60Hz, 12V DC 2.5A
Touch Screen	Projected capacitive touchscreen (USB interface)
Function Keys	1 x OSD rotary knob 1 x Input source quick selection 1 x Monitor Sleep
Dimensions (Lx W x H)	530.3 x 325 x 53mm
Weight	6.2kg
Operating Temperature	0°C~40°C
Storage Temperature	-20°C ~60°C
Medical Certifications	AAMI ES 60601-1 and EN 60601-1
Input	
VGA (DB-15)	1
DVI-D	1
Audio	Phone jack x 1
Output	
Audio	2W x 2
Optional Interfaces	
HDMI 1.4	Input: HDMI 1.4 x 1, Output: HDMI 1.4 x 1 (loop through)
3G-SDI	Input: 3G-SDI x 1, Output:3G-SDI x 1 (loop through)
Package Content	
Package Content	<ul style="list-style-type: none"> • Monitor x 1 • Power Adapter x 1 • VGA Cable x 1 • USB Cable x 1

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Optional Peripherals

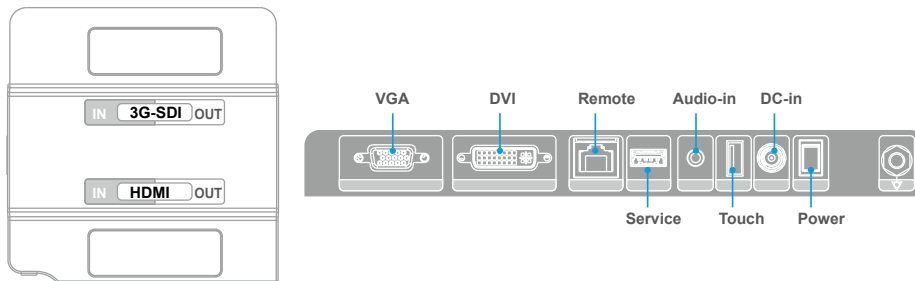
Ordering Information

Part No.	Description
MMS-21CT-R10	21.5" 1920x1080 color monitor, VGA/DVI-D input, P-CAP Touchscreen, 100~240 VAC to 12V DC power adaptor
MMS-21CTH-R10	21.5" 1920x1080 color monitor, VGA/DVI-D/HDMI input, P-CAP Touchscreen, 100~240 VAC to 12V DC power adaptor

Options

Part No.	Description
MMSO-3GSDI-R10	3GSDI input & loop-through add-on module
MMSO-HDMI-R10	HDMI 1.4 input & loop-through add-on module

Signal Interface



* SDI and HDMI connectors are optional interfaces.

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MMS-21CA Dimensions (Unit: mm)

