

# FURUNO®

## 12", 15" Sun Light Viewable **MULTI-PURPOSE MARINE LCD DISPLAY**

### Models **MU-120C/155C**

- Crystal clear 12" and 15" monitors for use as main or remote displays
- Sunlight viewable with wide viewing angle allows comfortable viewing by more than one person
- Built-in scaler allows monitors to accept up to SXGA (1280 x 1024) resolution
- Waterproof, low profile unit allows for flush mount installation even in an open fly bridge
- Wide range of inputs: 2 RGB analog, 1 Digital Video Interface (DVI) and 3 NTSC/PAL
- Unique programmable video input names
- PIP function allows for displaying two images on the screen at the same time
- Easily control display with standard infrared remote



15": MU-155C

12": MU-120C

Remote  
Controller

The FURUNO MU-120C/155C are multi-purpose displays that feature the unmatched Furuno quality and reliability that you have learned to depend on. These 12" and 15" color monitors feature a wide range of interface capabilities that will accommodate virtually all of your marine display needs.

The MU-120C and MU-155C utilize extremely bright color TFT LCDs with a special AR (anti-reflective) glass filter to cut down on annoying glare. With their bright colors, excellent contrast and wide viewing angles, these monitors are perfect for any tropical sunlight or low light conditions. The MU-120C is an SVGA (800 x 600) display, while the MU-155C is an XGA 1024 x 768 display. Each unit features a built-in scaler, which enables them to accept high resolutions up to SXGA 1280 x 1024.

Both units feature a wide variety of inputs including: 2 RGB analog, 1 DVI-D (Digital Video Interface) and 3 NTSC/PAL video inputs. These displays may be used as either the main or remote display for a variety of marine equipment, such as BlackBox radar, sounders, sonar and NavNet. They can also be used for displaying security cameras, video equipment, computers, etc.

The MU-120C/155C have Picture In Picture (PIP) capability with 3 NTSC/PAL inputs. The display can overlay a video window on top of the main display. This PIP window can be resized and repositioned to anywhere on the screen. Use the PIP function to monitor security cameras, engine room cameras or even your satellite TV.



The future today with FURUNO's electronics technology.

## FURUNO ELECTRIC CO., LTD.

9-52 Ashihara-cho, Nishinomiya City, Japan Phone: +81 (0)798 65-2111  
Fax: +81 (0)798 65-4200, 66-4622 URL: www.furuno.co.jp

Catalogue No. M-1533a

TRADE MARK REGISTERED  
MARCA REGISTRADA

# SPECIFICATIONS OF MU-120C/155C

## DISPLAY CHARACTERISTICS

	MU-120C	MU-155C
<b>Screen Size</b>	12.1 inches 246.0 x 184.5 mm	15 inches 304.1 x 228.1 mm
<b>Resolution</b>	800 x 600 (SVGA)* * VGA up to SXGA signal is acceptable in analog RGB.	1024 x 768 (XGA)*
<b>Contrast Ratio</b>	300:1	400:1
<b>Viewing Angle</b>	Vertical Horizontal	+85° to -85° left 85° to right 85°
<b>Brightness</b>	1000 cd/m <sup>2</sup>	
<b>Interface</b>		
<b>Analog RGB</b>	2 ports, D-SUB/15 pins	
<b>DVI</b>	1 port, DVI-D	
<b>RCA</b>	3 ports, RCA	
<b>Power Supply</b>	12-24 VDC, 4-2 A	12-24 VDC, 7-3 A

## ENVIRONMENT (IEC 60945 test method)

<b>Temperature</b>	-15°C to +55°C
<b>Waterproofing</b>	IPX5 (Front Panel)
<b>EMC</b>	IEC 60945 Ver.4

## EQUIPMENT LIST

### Standard

1. Display Unit MU-120C/MU-155C 1 unit
2. Remote Controller 1 unit
3. Installation Materials and Spare Parts

### Option

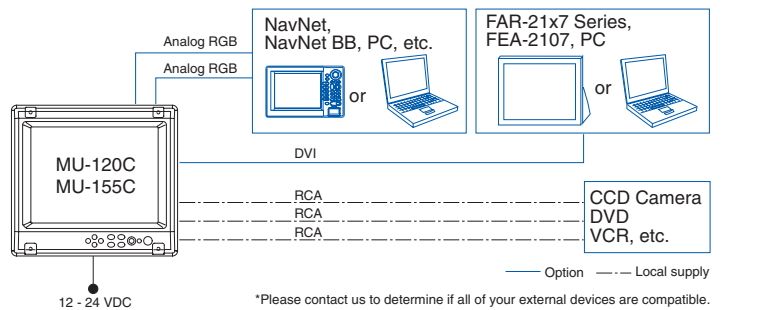
1. Mounting Bracket
2. Interface Cable for Analog RGB 5/10 m, 3COX-2P-6C 5M/10M for DVI 5 m, DVI-D/D SIMGLELINK5M

## MU-120C and MU-155C work with the following equipment and systems

Equipment	Resolution	Signal Format
<b>NavNet Series</b> 10.4" Color LCD (Model 1823C/1833C/ 1933C/1943C/1953C /GP-1900C) BlackBox (Model 1823C-BB/1833C-BB/ 1933C-BB/1943C-BB/ 1953C-BB/GP-1900C-BB)	VGA	Analog RGB
<b>Echo Sounder</b> FCV-1200L/LM*	VGA	Analog RGB (IF-8000 is required)
<b>Sonar</b> CH-250/S CH-270	VGA VGA	Analog RGB Analog RGB (IF-8000 is required)
CSH-5L FSV-24/24S/30/30S	XGA SXGA	Analog RGB Analog RGB
<b>VideoPlotter</b> GD-280/380/680	VGA	Analog RGB
<b>Radar</b> FR-1510 Mark-3 FR-2115/2125/2155 FAR-2117/2127/2137S	XGA SXGA SXGA	Analog RGB Analog RGB DVI
<b>ECDIS</b> FEA-2107	SXGA	DVI

\* Landscape installation only.

## INTERCONNECTION DIAGRAM

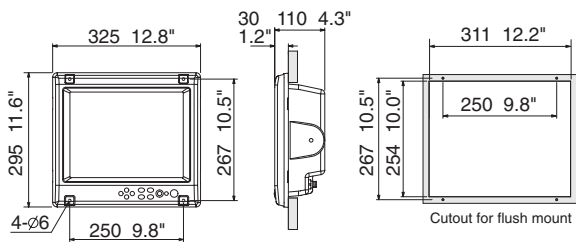


VGA:	640(H) x 480(V) pixels
SVGA:	800(H) x 600(V) pixels
XGA:	1024(H) x 768(V) pixels
SXGA:	1280(H) x 1024(V) pixels

## MU-120C

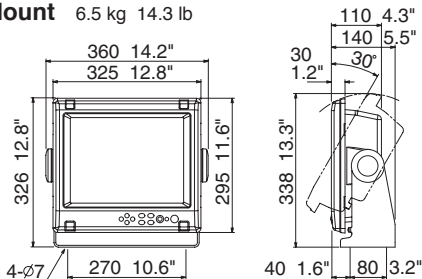
### Flush Mount

5.6 kg 12.4 lb



### Bracket Mount

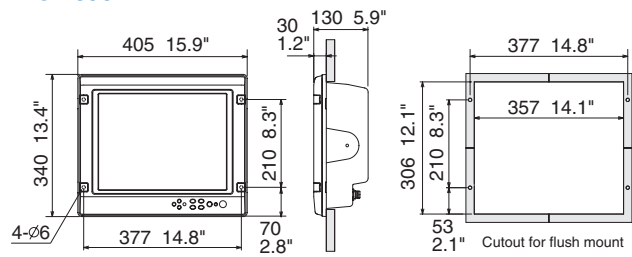
6.5 kg 14.3 lb



## MU-155C

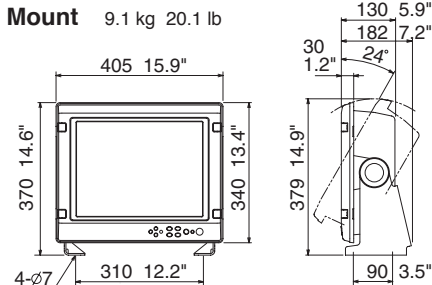
### Flush Mount

7.9 kg 17.4 lb



### Bracket Mount

9.1 kg 20.1 lb



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**FURUNO U.S.A., INC.**  
Camas, Washington, U.S.A.  
Phone: +1 360-834-9300  
Fax: +1 360-834-9400

**FURUNO (UK) LIMITED**  
Denmead, Hampshire, U.K.  
Phone: +44 2392-230303  
Fax: +44 2392-230101

**FURUNO FRANCE S.A.**  
Bordeaux-Mérignac, France  
Phone: +33 5 56 13 48 00  
Fax: +33 5 56 13 48 01

**FURUNO ESPAÑA S.A.**  
Madrid, Spain  
Phone: +34 91-725-90-88  
Fax: +34 91-725-98-97

**FURUNO DANMARK AS**  
Hvidovre, Denmark  
Phone: +45 36 77 45 00  
Fax: +45 36 77 45 01

**FURUNO NORGE A/S**  
Ålesund, Norway  
Phone: +47 70 102950  
Fax: +47 70 127021

**FURUNO SVERIGE AB**  
Västra Frölunda, Sweden  
Phone: +46 31-7098940  
Fax: +46 31-497093

**FURUNO FINLAND OY**  
Espoo, Finland  
Phone: +358 9 4355 670  
Fax: +358 9 4355 6710

**FURUNO POLSKA Sp. Z o.o.**  
Gdynia, Poland  
Phone: +48 58 669 02 20  
Fax: +48 58 669 02 21

PRINTED WITH SOYINKI 05065N Printed in Japan