

# Marine Radar System

4KW/36NM 10.4" LCD COLOR MARINE RADAR

- Zoom-In special target area, overlay with AIS targets -
- Superior ability to display closed range targets -

*New*



SMR-3700

# 10.4" LCD COLOR SCREEN MARINE RADAR

# SMR-3700

## FEATURES

- Superior ability to display closed range targets.
- Able to interface with AIS and target display.
- Able to Zoom-In the special target area for use's selection.
- Able to choose brightness of color in 10 levels for navigation at night.
- Can choose the screen color within white, yellow, green.
- Adopted 8 directions key to make cursor move with speed.

- Can set up the range in many ways the user needed.
- Intermittent Tx mode : can operate with low electric consumption.
- Can move screen center point and observe the long distance of the desired direction.
- Display parallel line : Can maintain certain distance between other vessel.
- Setting-up warning zone for invasion and separation in various method.

## SPECIFICATIONS

### ANTENNA

- Type : dome-type antenna
- Output power : 4KW
- Tx frequency : 9410±30MHz
- Revolution : approx. 24rpm
- Beam width : Horizontal 4.0° / Vertical 25°
- Synchronism method : Automatic / Manual switch over
- Operation temperature : -25℃ ~ +55℃
- Relative humidity : 35% ~ 95%
- Relative wind velocity : 51.5 m/sec(100 Knots)



### DISPLAY UNIT

- Display unit : 10.4" Color VGA TFT LCD, Vertical display
- Resolution : 640×480
- Indication type : scan type
- Distance range : 0.0625, 0.125, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 6, 12, 24, 36nm
- Minimum distance : within 25m
- Azimuth accuracy : within ± 1°
- Azimuth resolving power : 4.2°
- VRM : .000 ~ 64 NM display in digital
- EBL : 000° ~ 359° display in digital
- Indication of bow : electronic type
- Display mode : head-up, north-up, course-up
- Operation temperature : -15℃ ~ +55℃
- Pre-heat time : approx. 90 sec.
- Input data : NMEA 0183(2port), AIS(RS-422)
- Consumption power : 60W
- Power supply : DC +10V ~ +36V

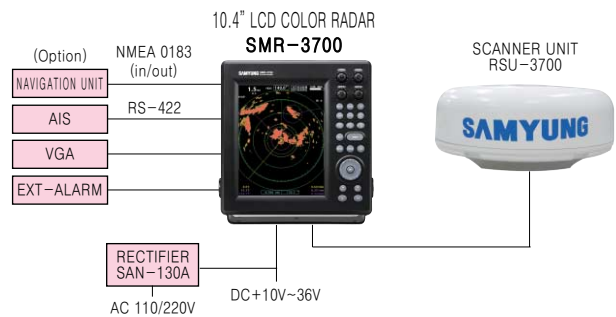


## COMPONENTS

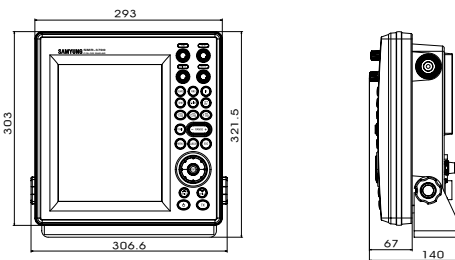
### BASIC COMPONENT

- Display unit (SMR-3700) 1SET
- Antenna (RSU-3700) 1SET
- Installation materials, spare parts, instruction manual 1LOT (each)

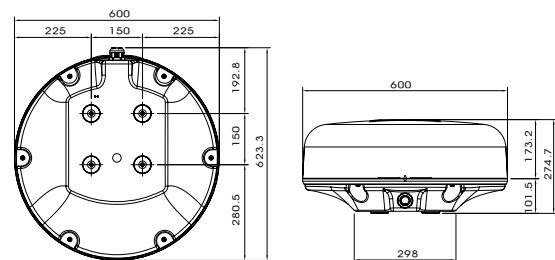
## CONFIGURATION



## DIMENSIONS

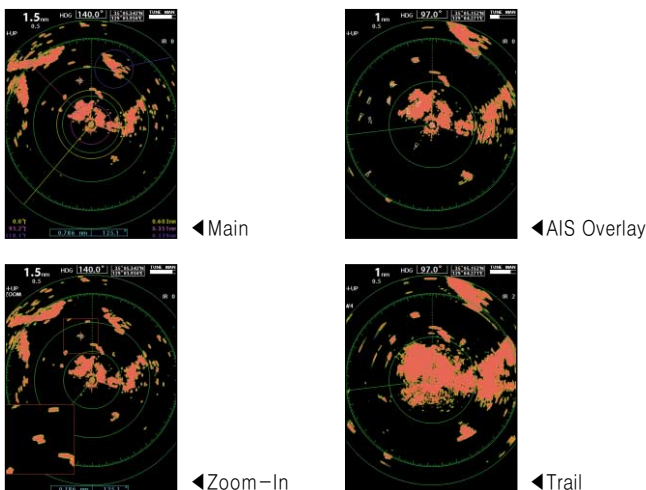


SMR-3700 Weight : 4.7Kg



RSU-3700 Weight : 9Kg

## DISPLAY MODE



\* Specification is subject to change without pre-notice