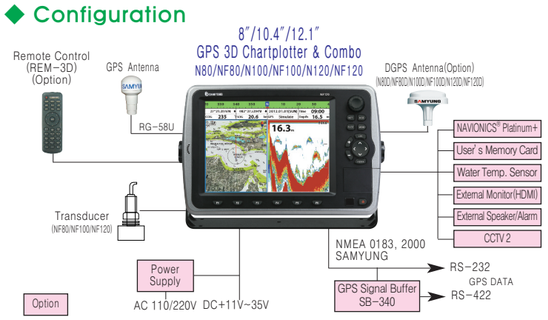
통합영문편집_통합영문편집 13. 6. 3. 오전 10:59 페이지 1

◆ Specification

Spec. \ Model	N80/N100/N120	NF80/NF100/NF120
Display	8"/10.4" (800 x 600 pixels) / 12.1" (1024 x 768 pixels) LED Backlight	
Receiving channel & Tracking satellite	50 Channels 16 Satellites / Digital 16 Channels multi-tracking type	
Supply voltage	11 to 35 V DC Approx. 40W	
Operating temp.	-10°C ~ 50°C	
Display mode	normal, true-motion, course-up, northup, head-up function	
Alarms	Arrival radius, anchor, XTE, danger, too shallow, too deep, fish, temperature, temperature rate, low battery, low fuel(optional), loss of DGPS fix, radar guard zone, dangerous AIS vessels.	
Chart/User card	SAMYUNG 2D/3D, NAVIONICS® Platinum+ / SD Card 2 slot, USB 1slot	
Waypoints	30,000 waypoints (Event Mark : 48, Mark Color : 16)	
Routes	100 Routes, with up to 100 points each	
Tracks	By time or distance, 10 tracks of 30,000 points	
Chart datums	216 Chart datums(1/2000~1/37,500,000)	
Chart scale	0.2 ~ 500 nm	
Interface	NMEA 0183, NMEA 2000	
Frequency	-	50/200KHz
Output	-	600W/1KW
Depth Range	-	3m~1,500m
Color Display	-	16 colors
Brightness	-	10-step
Screen Moving Speed	-	super fast, fast, medium, low, stop
Battery Voltage Display	-	Voltage number dispaly
AUTO GAIN Adjustment	-	OFF/ON
A-Mode Display	-	OFF/ON
Demo Dispaly	-	OFF/ON
Weak Color Removal	-	0% ~ 75%

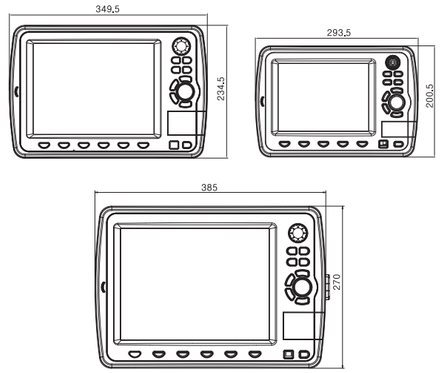
◆ Configuration



◆ Option

- Power Supply • Remote Control • NAVIONICS® Platinum+ • SD Card
- DGPS Antenna(N120D/NF120D)

◆ Dimensions



◆ Component

- GPS 3D Chartplotter & Combo 1Unit
- GPS Antenna(N80/NF80/N100/NF100/N120/NF120) 1Unit
- Transducer(NF80/NF100/NF120) 1Unit
- Installatioin materials, Spare parts, Manual 1Set

* Specification is subject to change without notice

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ISO 9001:2000 / KS A 9001:2001
Certificate No. : RQM0645

KOSDAQ LISTED COMPANY

www.samyungenc.com

8"/10.4"/12.1"
GPS 3D Color Chartplotter & Combo



N80/NF80/N100/NF100/N120/NF120

NEW

LED

- *Equipped with High Definition 3D Map*
- *Able to play FULL HD video clips*
- *The best map loading time with high performance CPU*
- *Perfect multi player with external equipment*



SAMYUNG ENC Co.,Ltd.

통합영문편집_통합영문편집 13. 6. 3. 오전 11:00 페이지 2



NF100



NF80



N120

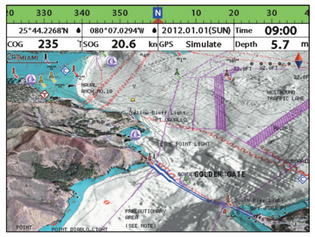


N100

◆ Features

- 3D map developed with SAMYUNG ENC' s / NAVIONICS® proprietary technology
- High intensity and high definition display with high resolution TFT LED Applied
- LED backlighting adjustable to 10 different brightness levels
- NAVIONICS® Platinum+ available utilizing SD card input
- Plays movies, videos and music from SD or USB input
- 512/1024MB internal memory and embedded with standard SAMYUNG S-MAP
- Individual navigation GOTO & MOB buttons
- NMEA(0183/2000) interface (AIS, NAVTEX, DSC, Data repeater, Fuel control etc.)
- Multiple language support (English, Chinese, Russian, etc.)
- DGPS (including WAAS, MSAS, EGNOS) provide greatest accuracy possible
- Excellent user friendly menu and icons
- Perfect navigational interface with Auto Pilot / Engine Controls
- Utilizes dual frequency system (50/200 kHz) for detection of small fish groups (NF80/NF100/NF120)
- Features upgraded auto range, gain output and pulse length in our latest fish finding circuitry (NF80/NF100/NF120)
- Utilizes high performance transduce for detection of individual and small fish (NF80/NF100/NF120)



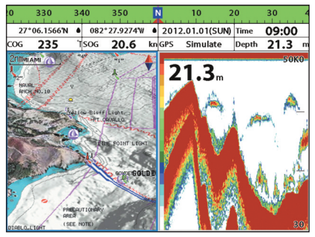


• SAMYUNG 2D/3D MAP can be displayed on high resolution LED

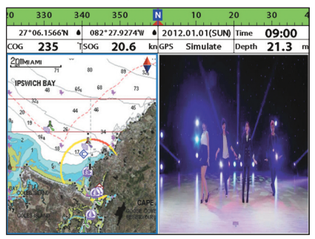
• NAVIONICS® Platinum+ 2D/3D MAP can be displayed on the high resolution LED (SD Card)

NAVIONICS

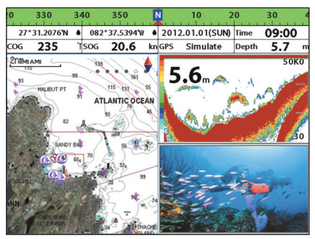
• Display multiple functions on split screen



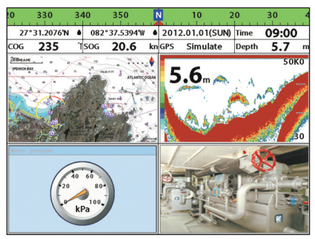
• Two split screen (Chart / Video)



• Three split screen (Chart / Fishfinder / Video)



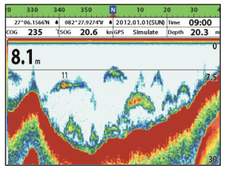
• Four split screen (Chart / Fishfinder / Video / Data)



• High sensitivity GPS/DGPS Antenna can be used

• Adopted digital 50 channels multitracer technique

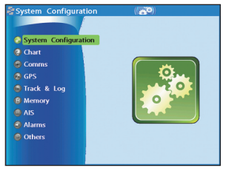
• AIS information can be displayed on the plotter when connected to the compatible AIS receiver (NMEA0183)



• Represent the fish group in fish shape

• Dual frequency(50/200kHz) transducer (Water temperature, speed sensor)

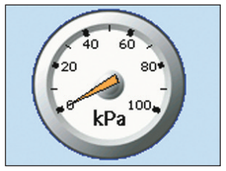
• Fishfinder screen setting available in Auto/Manual mode and Pause/Playback mode



• Choose a page / function by using icon for menu

• Various icons





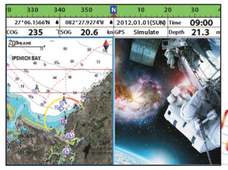
• NMEA 2000 interface

• Data repeater, Fuel control etc.



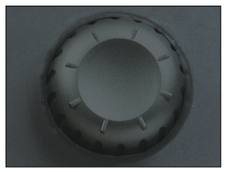
• Possible to input the external video
-CCTV(Composite)= 2Channel
-S-Video(NTSC/PAL) = 1Channel

• Multi display available with HDMI method



• Movies, music, video clips can be played using SD CARD or USB drive





• User friendly with rotational Encoder key applied which enables to maximize, minimize,and change direction



• Applied SD/USB Media Card Port enables the user to use various function (SD=2SLOT, USB=1SLOT)



• External Alarm and External speaker can be connected