



VINGTOR

ENTERTAINMENT SYSTEMS



VINGTOR

VINGTOR is world renowned for its extensive knowledge in the design, construction, installation and maintenance of integrated marine communication systems. The company, with long-term experience serving the maritime industry, has an impressive portfolio and provides cutting edge solutions to vessels worldwide under the internationally renowned brand name of VINGTOR®. The VINGTOR brand underpin Zenitel Marine's reputation as a supplier of the most flexible, reliable and advanced communication systems available today.

MEETING YOUR REGULATORY REQUIREMENTS

All Zenitel Marine products are tested according to IEC 60945, IEC 60533 standards, and comply with SOLAS regulations and codes relevant for on-board communication systems.

Zenitel Marine delivers systems in accordance with the rules of all major classification societies.

FOR ALL YOUR SALES & AFTER SERVICE REQUIREMENTS

Zenitel Marine is a specialist provider of spare parts, repairs, maintenance contracts and refit solutions. Responsibility and availability are our guidelines and customer support and service a first priority.

SATELLITE TV ANTENNA SYSTEMS 4

CONVENTIONAL TV/RADIO SYSTEM 7

INFOTAINMENT & IPTV SYSTEM 12



60 & 90 SATELLITE SYSTEMS

Out in the open sea, it takes a satellite TV antenna system as tough as your crew to withstand the elements. SAILOR Satellite TV systems combine rugged materials with advanced tracking technology to deliver the performance professionals depend on.

The SAILOR Satellite TV Antenna systems are built specifically to meet the demands of maritime professionals. SAILOR delivers a consistently reliable TV reception. Advanced technology, multiple tracking methods, fast satellite acquisition and an extra-wide elevation range ensure a steady signal.

Should the antenna momentarily lose its signal due to bad weather or blockage, the hardware and software in SAILOR Satellite TV systems are fully optimized to reacquire satellite signals quickly and automatically.

FEATURES

- SAILOR 60 Satellite TV: ideal for smaller craft or coastal vessels
- SAILOR 90 Satellite TV: designed for offshore and commercial ocean-going vessels
- The reception power of the SAILOR 90 Satellite TV system is equivalent to larger antennas



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SATELLITE TV ANTENNA UNITS

- Antennas
- Control Units
- Powersupplies
- Multiswitches
- Tuners
- Combiners

2320010030

SAILOR60W WORLD ANTENNA WITH DOM

- 60 cm Satellite TV World Antenna Unit
- Gyro stabilized antenna
- Built in GPS and Gyro
- 2 Axis
- Control Cable 25m
- CD with PC software



Size (DxH) Dome: 685 x 790 mm Weight: 41 kg

Additional Information:

2320010031

SAILOR90W WORLD ANTENNA WITH DOM

- 90 cm Satellite TV World Antenna Unit
- Gyro stabilized antenna
- Built in GPS and Gyro
- 2 Axis
- Control Cable 25m
- CD with PC software



Size (DxH) Dome: 1045 x 1175 mm Weight: 65 kg

Additional Information:

2320010001

ANTENNA CONTROL UNIT SAILOR60E/90E(ACU)

- Control unit for the Sailor SAT antenna
- Pre defined a list of most common satellites
- Easy and intuitive to use



Size (WxHxD): mm Weight: kg

Additional Information: 1155300000 - Antenna Control Unit SAILOR60E/90E - including assembly

2320010006

POWER SUPPLY UNIT SAILOR 60E/90E/120E (115/230VAC)

- 110/127V AC Fuse T2A
- 220/237V AC Fuse T1A
- Output 24VDC 170W
- Power Supply wires
110V AC 2 x 1,5mm²
220V AC 2 x 0,7mm²
24V DC 2 x 6,0mm²



Size (WxHxD): 168 x 245 x 97mm Weight: 5.0kg

Additional Information: 1155300002 - Power supply Unit SAILOR60E/90E/120E (110/230VAC) - including assembly

2320010098

SAILOR 60 WORLD ANTENNA COMPLETE

- 60 cm Satellite TV World Antenna Unit
- Gyro stabilized antenna
- Built in GPS and Gyro
- 2 Axis
- Control Cable 25m
- CD with PC software
- 2320010001 Antenna Control Unit SAILOR60E/90E(ACU)
- 2320010006 Power supply Unit SAILOR 60E/90E/120E (115/230VAC)



Size (DxH) Dome: 685 x 790 mm Weight: 41 kg

Additional Information:

2320010099

SAILOR 90 WORLD ANTENNA COMPLETE

- 90 cm Satellite TV World Antenna Unit
- Gyro stabilized antenna
- Built in GPS and Gyro
- 2 Axis
- Control Cable 25m
- CD with PC software
- 2320010001 Antenna Control Unit SAILOR60E/90E(ACU)
- 2320010006 Power supply Unit SAILOR 60E/90E/120E (115/230VAC)



Size (DxH) Dome: 1045 x 1175 mm Weight: 65 kg

Additional Information:

2320010050

MYM PRO-6S 4CH DVB-S/S-2 TUNER WITH DSB MODULATOR A2B

- 4 DVB-S/S" tuners (4 separate inputs)
- Double Ethernet (RJ-45 ports)
- 6x MPEG2/MPEG4 decoding, HD-downscaling
- 4x Common Interface slots for Multi decryption
- 6x Embedded DSB modulators for VHF and UHF, NICAM and A2 stereo
- 6 x A/V output for connection to VSB modulators or for monitoring
- Built in high quality fan for cooling
- 230 VAC (94-264VAC)

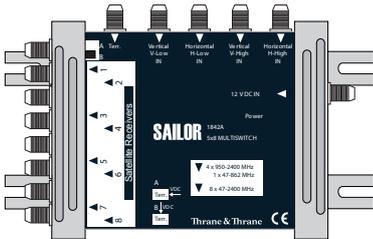


Size (WxHxD): 383 x 44 x 220 mm Weight: 3,2 kg

Additional Information:

2320010007**5X8 MULTISWITCH, 1XTER, 4XSAT, 8XOUTPUT, W/O EXT.PS**

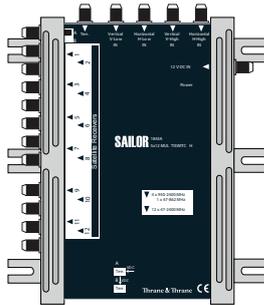
- As the SatTV-LNB is power supplied by the 2320010006 no power supply for multiswitch is needed as long as no terrestrial antenna is connected to it. The power supply for multiswitch is only needed to amplify the terrestrial signals from terrestrial antenna or when the SatTV-LNB does not have its own power supply.

**Size (WxHxD): mm Weight: kg**

Additional Information: including assembly 1155300003 - 5x8 Multi switch, 1xTer, 4xSat, 8xOuput, w/o ext. PS -

2320010008**5X12 MULTISWITCH, 1XTER, 4XSAT, 12XOUTPUT, W/O EXT.PS**

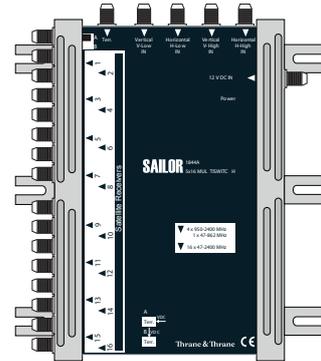
- As the SatTV-LNB is power supplied by the 2320010006 no power supply for multiswitch is needed as long as no terrestrial antenna is connected to it. The power supply for multiswitch is only needed to amplify the terrestrial signals from terrestrial antenna or when the SatTV-LNB does not have its own power supply.

**Size (WxHxD): mm Weight: kg**

Additional Information: 1155300004 - 5x12 Multi switch, 1xTer, 4xSat, 12xOuput, w/o ext. PS - including assembly

2320010009**5X16 MULTISWITCH, 1XTER, 4XSAT, 16XOUTPUT, W/O EXT.PS**

- As the SatTV-LNB is power supplied by the 2320010006 no power supply for multiswitch is needed as long as no terrestrial antenna is connected to it. The power supply for multiswitch is only needed to amplify the terrestrial signals from terrestrial antenna or when the SatTV-LNB does not have its own power supply.

**Size (WxHxD): mm Weight: kg**

Additional Information: 1155300005 - 5x16 Multi switch, 1xTer, 4xSat, 16xOuput, w/o ext. PS - including assembly

3006224078**SIGNAL COMBINER TV AND RADIO SIGNALS**

- Possible to combine up to 12 output signals from EVA
- modulators to one output
- High performance
- 19" mounting 1HU

**Size (WxHxD): 425 x 40 x 125 mm Weight: 1,4 kg**

Additional Information: Class A Grade 1

3006099095**BM 4 S-CHANNELS MODULATOR, 4 X VIDEO/AUDIO IN- 4 RF CH.OUTPUT**

- Double side band S-channel TV modulator
- (Maximum 14 channels in S-band)
- Power consumptions 200 mA

Size (WxHxD): 41 x 210 x 96 mm Weight: 0,5 kg

Additional Information: On request; single band modulator, MM 750 (Up to 28 channels in

3006224073**N600, SAT/TV/RADIO OUTLET****3005010055****P-5812 RACK 19", 12 HU, PASO P-5812-D" INCL. BACKPLANE,BRACKETS****Size (WxHxD): mm Weight: kg**

Additional Information:

3005010056**P-5816 "RACK 19", 16 HU,PASO P-5816-D" INCL. BACKPLANE,BRACKETS****Size (WxHxD): mm Weight: kg**

Additional Information:

3005010057**P-5820 "RACK 19", 20 HU,PASO P-5820 INCL. BACKPLANE,BRACKETS****Size (WxHxD): mm Weight: kg**

Additional Information:

CONVENTIONAL TV/RADIO SYSTEM

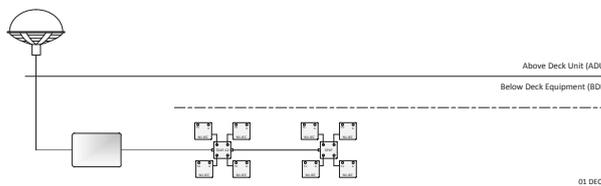
- AM & FM Antenna for receiving analog terrestrial TV/Radio signals
- System size available from a few TV/Radio outlets to several hundred outlets. Standard package of:
 - 8 outlets
 - 16 outlets
 - 24 outlets
 - 32 outlets
 - 40 outlets
 - 48 outlets
 - 64 outlets
- Package from 32 outlets can distribute signal from entertainment sources
- Can be combined with satellite TV
- 117 - 230VAC (PSA 350 based)
- 100 - 250VAC (PSA 3500 based)



2320010041

G9308-3 ENTERTAINMENT SYSTEM WITH 8 OUTLETS

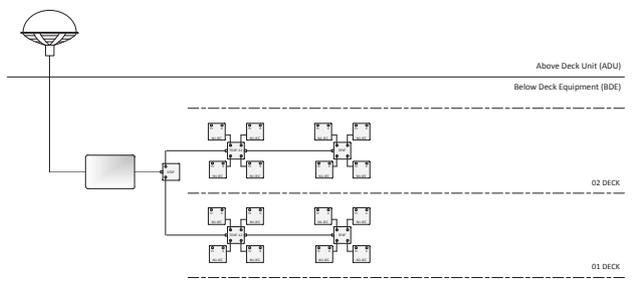
- 1 x Mark 32ALC AM-FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x PSA 30V-1 Headend AM-FM-TV, w/Ch38 Input
- 1 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 1 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 8 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010042

G9316-3 ENTERTAINMENT SYSTEM WITH 16 OUTLETS

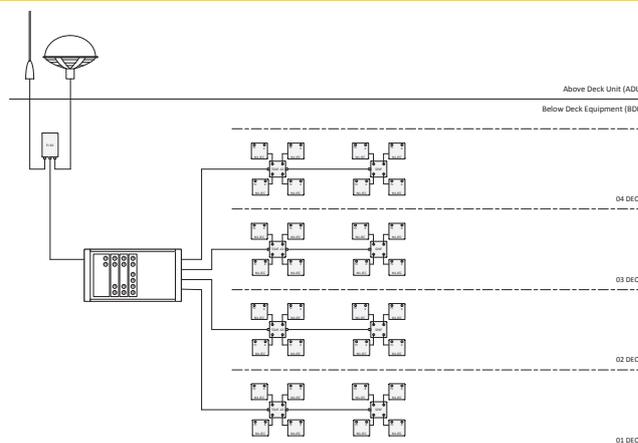
- 1 x Mark 32ALC AM-FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x PSA 350S/ALC Headend AM-FM-TV, w/S-Band Input & Ch38 Input
- 1 x SP2F, 2-Way Splitter (Shielded, 0.1-1000 MHz)
- 2 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 2 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 16 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010044

G9332-3 ENTERTAINMENT SYSTEM WITH 32 OUTLETS

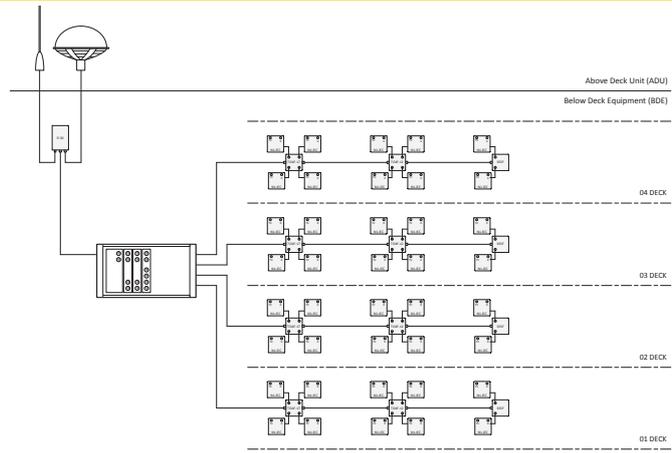
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Antennas
- 1 x CAS 3500/32-1AV Headend System, Cabinet
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 32 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010045

G9340-3 ENTERTAINMENT SYSTEM WITH 40 OUTLETS

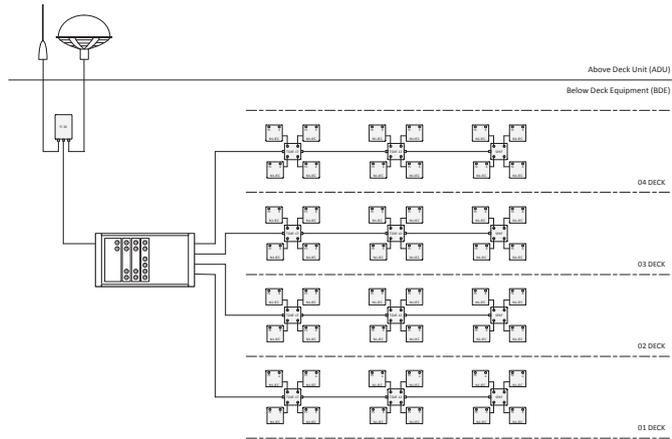
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Antennas
- 1 x CAS 3500/32-1AV Headend System, Cabinet
- 4 x TO4F-17, 4-Way Tap-Off (17 dB Tap loss, 0.1-1000 MHz)
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP2F, 2-Way Splitter (Shielded, 0.1-1000 MHz)
- 40 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010046

G9348-3 ENTERTAINMENT SYSTEM WITH 48 OUTLETS

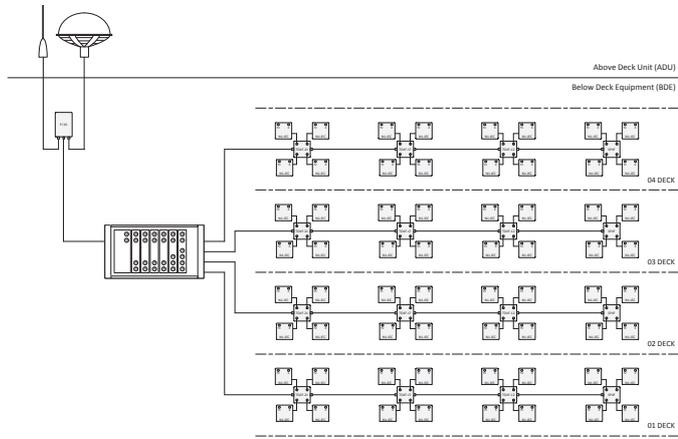
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Antennas
- 1 x SAILOR CAS 3700/BM450 Cabinet
- 4 x TO4F-17, 4-Way Tap-Off (17 dB Tap loss, 0.1-1000 MHz)
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 48 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010047

G9364-3 ENTERTAINMENT SYSTEM WITH 64 OUTLETS

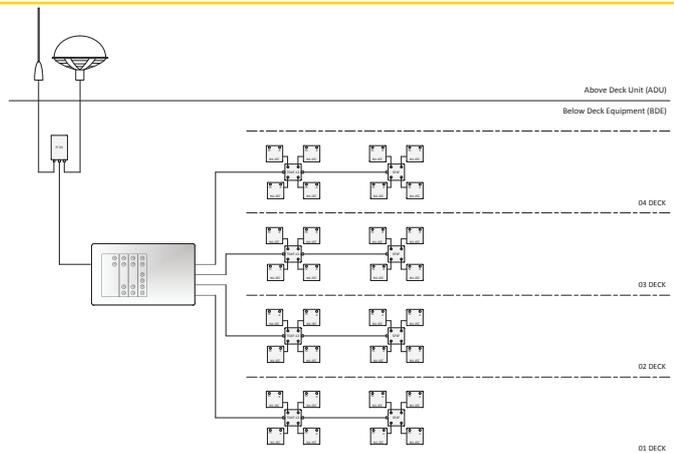
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/25m Coax cabl
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30
- 1 x SAILOR CAS 3700 Headend/BM450 Cabinet
- 4 x TO4F-21 / 4-Way Tap-Off (21 dB Tap loss 0.1-1000 MHz)
- 4 x TO4F-17, 4-Way Tap-Off (17 dB Tap loss, 0.1-1000 MHz)
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 64 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010011

COMPLETE ANTENNA SYSTEM WITH 32 OUTLETS FOR 19" RACK

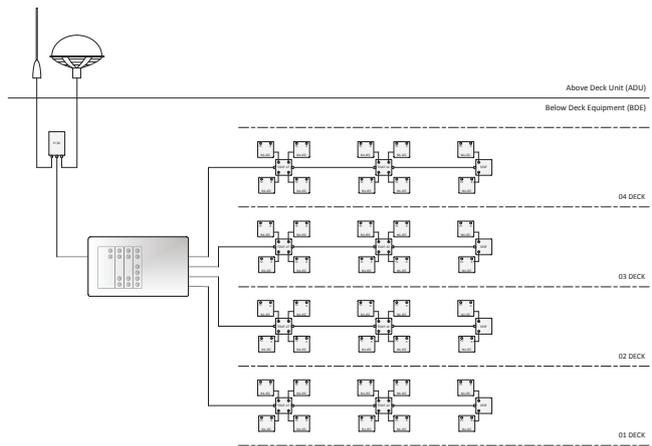
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Antennas
- 1 x CAS 3500/32-1AV Headend System, Cabinet
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 32 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010012

**COMPLETE ANTENNA SYSTEM
W/40 OUTLETS FOR 19" RACK**

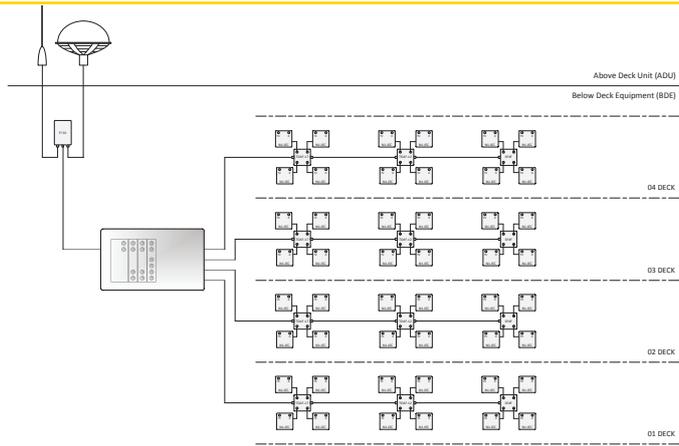
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Antennas
- 1 x CAS 3500/32-1AV Headend System, Cabinet
- 4 x TO4F-17, 4-Way Tap-Off (17 dB Tap loss, 0.1-1000 MHz)
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP2F, 2-Way Splitter (Shielded, 0.1-1000 MHz)
- 40 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010013

**COMPLETE ANTENNA SYSTEM
W/48 OUTLETS FOR 19" RACK**

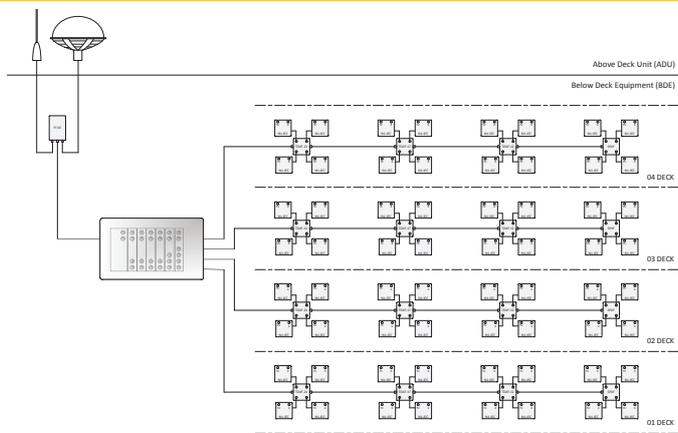
- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax cable
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Antennas
- 1 x SAILOR CAS 3700/BM450 Cabinet
- 4 x TO4F-17, 4-Way Tap-Off (17 dB Tap loss, 0.1-1000 MHz)
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 48 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



2320010014

**COMPLETE ANTENNA SYSTEM
WITH 64 OUTLETS FOR 19" RACK**

- 1 x Mark 30ALC FM-TV, AIS-Filter, w/ 25m Coax c.
- 1 x VPA 30 AM-FM Antenna, w/ 25m Coax cable
- 1 x FI 30 Filter Combining Mark and VPA30 Ant.
- 1 x SAILOR CAS 3700/BM450 Subrack
- 4 x TO4F-21 / 4-Way Tap-Off (21 dB Tap loss 0.1-1000 MHz)
- 4 x TO4F-17, 4-Way Tap-Off (17 dB Tap loss, 0.1-1000 MHz)
- 4 x TO4F-12, 4-Way Tap-Off (12 dB Tap loss, 0.1-1000 MHz)
- 4 x SP4F, 4-Way Splitter (Shielded, 0.1-1000 MHz)
- 64 x N1-IEC TV/Radio Outlet, Double insulated (IEC-Conn., 0.1-1000 MHz)



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INFOTAINMENT & IPTV SYSTEM

The VINGTOR INFOTAINMENT & IPTV system is a complete integrated digital entertainment system for maritime use. The system provides all services that maximize crew welfare. It is based on a set-top box connected to each television. The television should support interactive functionality to comply with all functions.

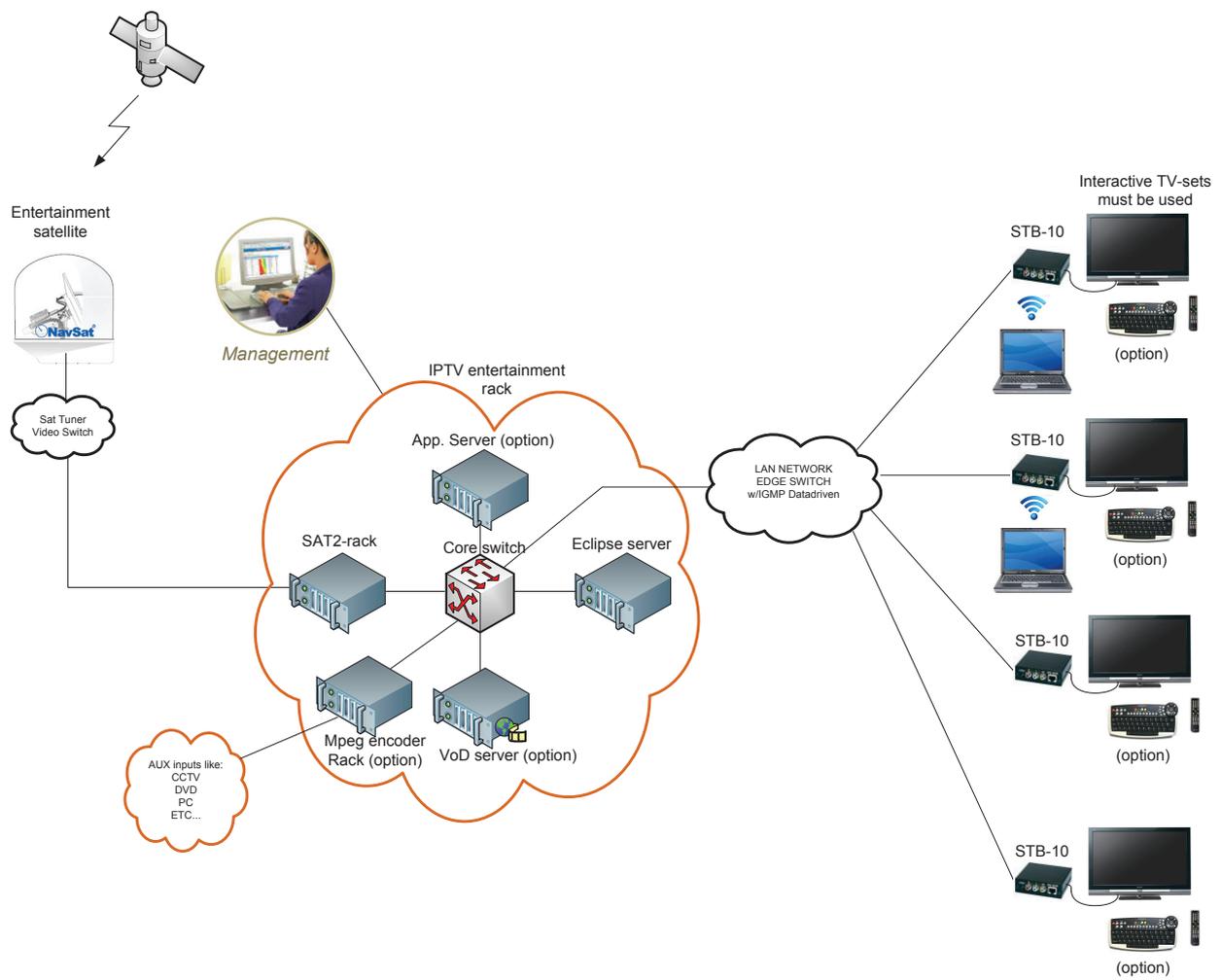
All servers in the system are running on the Linux platform, thus ensuring stability and reliability. The system supports full HD set-top box with options for WiFi and Bluetooth. The set-top box are digital interactive together with interactive TV sets. It is also possible to use standard TV sets.

The system is based on building blocks of modules. Additional modules are VoD, GPS monitoring on TV, Internet on TV, nPVR, PC on TV, CCTV integration, Signage system with scheduling, Internet radio from TVRO, additional Web pages, and integration with composite PAL input.

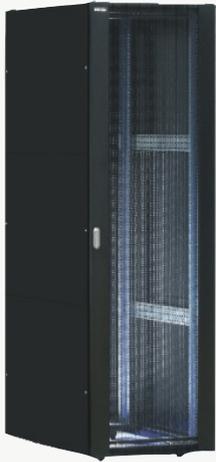
The VINGTOR INFOTAINMENT system also supports "HINGTOR ALL IN 1 CABLE" solution - in practice it means that it is possible to run the ACM intercom station with PA/GA functionality, IPTV and Data on one cable.

FEATURES

- Total IPTV system - scalable up to thousands of users
- Scalable number of satellite TV/ Radio channels
- Integration to IP & Traditional CCTV
- Signage system
- "IP Radio" from TVRO
- Remote maintenance
- Video on demand (VoD)
- Private video recorder (NPVR)
- e-mail access
- PC on TV (word processing, presentations, spreadsheet, media player)
- Internet on TV (Web browser)
- Connection to internet with own device (STB-10 with WiFi option)
- Play own content (music etc.) from own device on TV (STB-10 with BT option)
- Full HD
- Integration of alarm systems
- Customer information pages (menus, safety plan, etc.)
- Optional integration with composite input (DVD players, etc.)



INFOTAINMENT & IPTV MAIN UNITS



2320000300

VINGTOR INFOTAINMENT SYSTEM - UP TO 150 USERS, 42HU CAB

- MMC digital server
- LDC Monitor
- Keyboard
- Core Switch

Size (WxHxD): 600 x 2055 1000 x mm
Weight: Depending on equipment

Additional Information: 20HU free space. For more than 150 users, extra license is required. Core switch designed for up to 150 set-top boxes, standard configuration and featureless

2970000006

UPS-230IPTV POWER MODULE & UPS, 230VAC FOR IPTV SYSTEMS

- Specially designed for controlled shutdown of IPTV servers
- Include rack UPS and battery pack

Size (WxHxD): 450 x 87 x 482 mm Weight 15 kg

2320000301

VINGTOR INFOTAINMENT SYSTEM - UP TO 150 USERS, 32HU CAB

- MMC digital server
- LDC Monitor
- Keyboard
- Core Switch

Size (WxHxD): 600 x 1610 1000 x mm
Weight: Depending on equipment

Additional Information: 10HU free space. For more than 150 users, extra license is required. Core switch designed for up to 150 set-top boxes, standard configuration and features

2970000007

UPS-115IPTV POWER MODULE & UPS, 115VAC FOR IPTV SYSTEMS

- Specially designed for controlled shutdown of IPTV servers
- Include rack UPS and battery pack

Size (WxHxD): 450 x 87 x 482 mm Weight 15 kg

ACCESSORIES

- Data switches
- Head end Equipment
- Set up boxes & Interface kits
- TV Sets

2220010002

MANAGED EDGE SWITCH 24 PORTS

- 24 ports - 10/100Mbit
- 2 ports 10/100/1000 Base-T ports
- 2 mini-GBIC slots for Gigabit uplink connected
- Data driven IGMP supporting IPTV streams



Size 19" 1HU Weight: 2.5 kg

Additional Information: Cisco switches on request

2220010003

MANAGED EDGE SWITCH 48 PORTS

- 48 ports - 10/100Mbit
- 2 ports 10/100/1000 Base-T ports
- 2 mini-GBIC slots for Gigabit uplink connected
- Data driven IGMP supporting IPTV streams



Size 19" 1HU Weight: 4.9 kg

Additional Information: Cisco switches on request

2220010004

MANAGED CORE SWITCH 24 PORTS

- 20 ports - 10/100/1000Mbit
- 4 dual-personality ports for RJ-45 10/100/1000 or mini-GBIC fiber Gigabit connectivity
- Data driven IGMP supporting IPTV streams



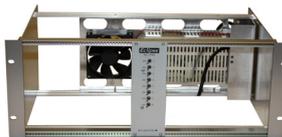
Size 19" 1HU Weight: 3.3 kg

Designed for up to 150 set-top boxes, standard configuration and features. Other Cisco and HP switches can be designed on request, depending on features

2320000141

SAT2 RACK FOR 8 MODULES

- Space for up to 8 CA modules
- for encrypted channels or M DVB module
- Free to air channels



Size 19" 4HU

2320000143

SAT2-M DVB MODULE - FREE TO AIR CHANNELS

- Receives free to air channels from dedicated transponder
- Convert satellite signal to IP streams
- RF frequency from 950-2150MHz
- Input RF F-type connector, 75 Ohm output Ethernet 100 BaseT LAN



Size (WxHxD): 45 x 173 x 110 mm Weight: 0.350 kg

2320000142

SAT3 CA MODULES - FOR ENCRYPTED CHANNELS

- Decrypts from one satellite transponder
- Decryption module for different kinds of CAM modules
- Convert satellite signal to IP streams
- RF frequency from 950-2150MHz
- Input RF F-type connector, 75 Ohm output Ethernet 100 BaseT LAN



Size (WxHxD): 45 x 173 x 110 mm Weight: 0.350 kg

2320000160

MPEG ENCODER RACK WITH 10 MODULES

- MPEG-2 hardware decoders
- Rack with 10 modules to integrate CCTV, DVD, MAP systems etc
- Input (AUDIO L+R), Video (composite)
- High resolution Graphics User Interface



Size 19" 3HU

2320000135

ECLIPSE APPLICATION SERVER

- PC on TV
- Office applications
- Entertainment
- Storage/reading from STB-10
- Internet on TV



Size (WxHxD): 448 x 4.32 x 681.9mm Weight: 11.7 kg

Additional Information: License required for PC on TV 2320000136 and internet 2320000137. Keyboard 2320000165 recommended.

2320000144

VIACCESS PRO DVB-CI MODULE - MULTICAM MODULE

- Encryption card for VIACCESS encrypted channels
- Can decrypt up to 15 channels on per transponder



2320000148

CONAX PRO DVB-CI MODULE - MULTICAM MODULE

- Encryption card for CONAX encrypted channels
- Can decrypt up to 15 channels on per transponder



2320000161

MPEG ENCODER SERVER

- AV streamer is used to stream AV source into MPEG 2 TS stream.
- It is also able to build a stream from an analog channel VHF/UHF (built-in tuner).
- Max capacity is 20 simultaneous streams at MPEG-2
- Runs on Linux Debian



Size (WxHxD): 448 x 4,32 x 681.9mm Weight: 11.7 kg

2320000105

INTERFACE KIT FOR LG

- Consist of:
 - HDMI Cable
 - Data control cable

Additional Information: For STB-10

2320000146

ASTON PRO DVB-CI MODULE - MULTICAM MODULE

- Encryption card for ASTON encrypted channels
- Can decrypt up to 15 channels on per transponder



2320000150

IRDETO PRO DVB-CI MODULE - MULTICAM MODULE

- Encryption card for IRDETO encrypted channels
- Can decrypt up to 15 channels on per transponder



2320000106

STB-10 SET UP BOX W/ EU POWER, EXTERNAL ADAPTOR AND SOFTWARE

- Intel Atom processor, 1G RAM
- LINUX-based operating system
- MPEG-2, MPEG-4/H.264 and VC1 streaming, in both SD and HD
- resolution; full support for 720p/1080i/1080p HD video
- Graphics resolutions up to 1920x1080
- Two USB 2.0 interfaces, 1 rear panel, 1 front
- Wi-Fi convergence using USB dongle
- Bluetooth audio playback using USB dongle



Size (WxHxD): 110 x 40 x 122 mm Weight: 0,5 kg

Additional Information: 2320000107 WiFi option for STB-10 2320000110 Bluetooth option for STB-10 IR cable for non-interactive TV-sets available

3006204193

ALARM INPUT INTERFACE MODULE WITH SOFTWARE

- Mute/Turn off TV's during alarm
- Send dynamic message to screen
- External power 18-36VDC external power
- 6 inputs contacts (NO)



Size (WxDxH) 87 x 60 x 90 mm Weight: 0.2 kg

Additional Information:

2320000168

VINGTOR VIDEO SERVER

- VoD server for distribution of movies
- Web interface for importing movies
- Can be cascaded for additional streams
- Capacity of 2 or 4 TB on mirrored disks (roughly equal to 300 or 600 full length SD movies)
- Up to 64 simultaneous streams (32 if HD) on a single server



Size (WxHxD): 448 x 4.32 x 681.9mm

Additional Information: 19" rack mounting, Larger capacity on Video Server on request

2320000165

IR KEYBOARD COMPACT

- Compact design
- Hotkeys for Internet and E-mails functions
- Hotkeys for TV and system functions
- Arrow keys and finger pad joystick to navigate on screen
- LED feed-back on key presses indicating send/ battery low



Size (WxHxD): 240 x 120 x 25mm Weight: 0.340 kg

Additional Information: Wireless

2320000170

VINGTOR NPVR SERVER

- PVR solution for cabins
- Possible to Record, Play, Pause, Fast Forward
- Capacity: 4 hours per session
- Runs on Linux Debian
- Up to 64 concurrent sessions e.g 32 playbacks and 32 recording sessions, (Cascading servers are used to give more streams)



Size (WxHxD) 448 x 4.32 x 681.9 mm Weight: 11.7 kg

Additional Information: 19" rack mounting

2320000125

ECLIPSE PREMIUM MMC VIDEO SERVER

- Decrypted VoD server for distribution of movies
- Capacity of 4 TB on mirrored disks.
- Up to 64 simultaneous streams, depending on license
Cascading servers are used to give more streams).



Size (WxHxD): 448 x 4.32 x 681.9mm

Additional Information: 19" rack mounting
Movie subscription / agreement can be provided on request

2320000184

LG 22" LED TELEVISION-TABLE BRACKET INCLUDED

- Eye Care (Anti-Dazzling)
- JPEG View & MP3 Play simultaneously (with separate remote)
- 1080p Source Input
- USB 2.0
- Auto Off / Auto Sleep
- Resolution 1366 x 768
- 110-230VAC - EU power cable



Size (WxHxD) 516 x 332 x 41 mm Weight: 3,7 kg

Additional Information: Wall bracket; VESA (mm): 100 x 100
2320099001 Power cable for US, 2320099002 Power cable for UK

2320000162

GUEST REMOTE CONTROL

- Hotkeys for system operations
- VOD control keys
- Uses 1 or 2 batteries for long life operation
- LED indicator for send / battery low



Size (WxHxD): 43 x 200 x 16 mm Weight: 0.080 kg

Additional Information: Supplied with 2 x 2025 lithium batteries

2320000163

SERVICE REMOTE CONTROL

- Hotkeys for system operations
- VOD control keys
- Uses 1 or 2 batteries for long life operation
- LED indicator for battery low



Size (WxHxD): 43 x 200 x 16 mm Weight: 0.080 kg

Additional Information: Supplied with 2 x 2025 lithium batteries

2320000185

LG 26" LED TELEVISION-TABLE BRACKET INCLUDED

- Eye Care (Anti-Dazzling)
- JPEG View & MP3 Play simultaneously (with separate remote)
- 1080p Source Input
- USB 2.0
- Auto Off / Auto Sleep
- Resolution 1366 x 768
- 110-230VAC - EU power cable



Size (WxHxD) 626 x 453 x 41mm Weight: 4,7 kg

Additional Information: Wall bracket; VESA (mm): 100 x 100
2320099001 Power cable for US, 2320099002 Power cable for UK

2320000186

LG 32" LED TELEVISION-TABLE BRACKET INCLUDED

- Eye Care (Anti-Dazzling)
- JPEG View & MP3 Play simultaneously (with separate remote)
- 1080p Source Input
- USB 2.0
- Auto Off / Auto Sleep
- Resolution 1366 x 768
- 110-230VAC - EU power cable



Size (WxHxD) 765 x 476 x 56 mm Weight: 9.2 kg

Additional Information: Wall bracket ;VESA (mm): 100 x 200
2320099001 Power cable for US, 2320099002 Power cable for UK

2320000187

2320000187

LG 37" LED TELEVISION-TABLE BRACKET INCLUDED

- Eye Care (Anti-Dazzling)
- JPEG View & MP3 Play simultaneously (with separate remote)
- 1080p Source Input
- USB 2.0
- Auto Off / Auto Sleep
- Resolution 1920 x 1080
- 110-230VAC - EU power cable



Size (WxHxD) 867 x 533 x 54 mm Weight: 11.2 kg

Additional Information: Wall bracket ; VESA (mm): 200 x 200
2320099001 Power cable for US, 2320099002 Power cable for UK

2320000188

LG 42" LED TELEVISION-TABLE BRACKET INCLUDED

- Eye Care (Anti-Dazzling)
- JPEG View & MP3 Play simultaneously (with separate remote)
- 1080p Source Input
- USB 2.0
- Auto Off / Auto Sleep
- Resolution 1920 x 1080
- 110-230VAC - EU power cable



Size (WxHxD) 992 x 604 x 55 mm Weight: 15.5 kg

Additional Information: Wall bracket; VESA (mm): 200 x 200
2320099001 Power cable for US, 2320099002 Power cable for UK

2320000189

LG 47" LED TELEVISION-TABLE BRACKET INCLUDED

- Eye Care (Anti-Dazzling)
- JPEG View & MP3 Play simultaneously (with separate remote)
- 1080p Source Input
- USB 2.0
- Auto Off / Auto Sleep
- Resolution 1920 x 1080
- 110-230VAC - EU power cable



Size (WxHxD) 1101 x 665 x 54 mm Weight: 17,3 kg

Additional Information: Wall bracket; VESA (mm): 400 x 400.
2320099001 Power cable for US, 2320099002 Power cable for UK

2320000251

VOGEL'S 32" FIXED WALL BRACKET

- Close to the wall, while leaving sufficient room for air circulation
- Pre-assembled - install in just 3 easy steps



Max load Weight: 70.0 kg

Additional Information: Up to 65" screens

2320000252

HQ 22" MOBILE WALL BRACKET

- Pre-assembled - install in just 3 easy steps
- Tilt and turn functions guarantee optimal viewing position



Max load Weight: 45.0 kg

Additional Information: Up to 42" screens

LICENSES & MANAGEMENT

2320000164

IP RADIO SOLUTION

- License to add squeeze box on the IPTV network to be able to receive radio channels from SAT modules
- Software running on main server, no extra hardware needed
- Up to 10 radio feeds

Additional Information: More than 10 radio feeds on request

2320000177

DIGITAL SIGNAGE SERVER LICENSE

- License to enable "landscape" mode signage to dedicated TV sets.
- It can play Powerpoint and pdf files
- Scheduling of different messages
- Up to 2 streams running on main server, no extra hardware needed

Additional Information: For more than two streams, dedicated stream server needed 2320000175

2320000128

VOD LICENSE MAX 32 STREAMS

2320000129

VOD LICENSE MAX 64 STREAMS

2320000136

USER LICENSE INTERNET ON TV

2320000137

USER LICENSE PC ON TV

2320000166

OPEN VOD LICENSE – UP TO 64 CONCURRENT USERS

2320000167

OPEN VOD LICENSE – UP TO 128 CONCURRENT USERS (2 SERVERS NEEDED)

2320000171

NPVR LICENSE FOR UP TO 64 CONCURRENT SESSIONS

2320000172

NPVR LICENSE FOR UP TO 128 CONCURRENT SESSIONS

2320000176

DIGITAL SIGNAGE STB LICENSE

2320000176

DIGITAL SIGNAGE SERVER LICENSE UP TO 30 STREAMS

Additional Information: Dedicated stream server needed 2320000175

2320000999

PROJECT MANAGEMENT

2320000123

LICENSE FOR 150 MORE USERS ON 2320000122



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VINGTOR PRODUCT CATALOGS

BATTERYLESS TELEPHONE SYSTEMS	A100K11295
TALK BACK & INTERCOM SYSTEM SYSTEMS	A100K11296
SPA-V2 PUBLIC ADDRESS SYSTEM	A100K11298
EXIGO IP PUBLIC ADDRESS & GENERAL ALARM SYSTEM	A100K11384
ACM FAMILY & PULSE SYSTEMS	A100K11297
LOCAL AREA NETWORK	A100K11441
WIRELESS SOLUTIONS	A100K11299
RADIO SOLUTIONS	A100K11318
MASTER CLOCK, SOUND RECEPTION, HOSPITAL & REFRIGERATOR SYSTEMS	A100K11300
ENTERTAINMENT SYSTEMS	A100K11302
CCTV SYSTEMS	A100K11303
COMMON EQUIPMENT	A100K11301