

## Switching Unit ASI | IF | L-Band Redundant Switch



Range of Switching Units to build 1+1 and N+1 satellite uplink system for Vyper, DualVyper, SmartGate S2/S2X and Tyger products



Switching Units includes ASI switch/splitter module and RF switch module for IF-Band (170/240 MHz) and/or L-Band (950/2150 MHz) which can operate independently or simultaneously. Most common configuration / set up are defined, however, they can be tailored to match your specific requirements, please do not hesitate to contact us for further details.

### 1+1 Redundancy

1U Rack chassis with ASI & RF Switch modules. Manual and Automatic operations based on Dry Contact, RF Sensing or SNMP/Traps.

### N+1 Redundancy

3U Rack chassis with ASI & RF Switch modules to manage 4+1, 6+1 or 8+1 systems. Manual and Automatic operations based on SNMP/Traps.

### Dry Contact & RF Sensing

Switching can be decided on external events through relay contact or autonomously based on RF power level.

### Web GUI & SNMP

Switching Units embed a Web Server and SNMP agent for a full remote control.

## Applications

- Vyper / DualVyper
- SmartGate S2/S2X
- Tyger

## Other benefits

- Complete package including cable
- Programmable switching conditions
- Plug & Play System

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## Technical specifications

### ASI INTERFACE

Input	Output
BNC - 75 Ω	BNC - 75 Ω

### RF INTERFACE

Input / Output	Input / Output
170/240 MHz - 25 dBm Max / BNC - 75 Ω	DC/2.5 GHz - 25 dBm Max / SMA - 50 Ω

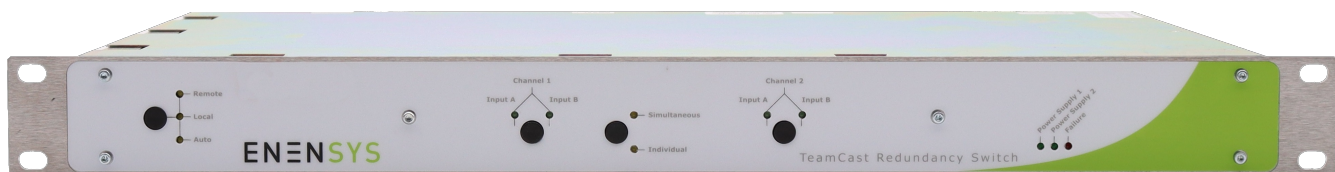
### CONTROL & MANAGEMENT

<b>Ethernet port</b> 1 Ethernet port 1GigE - RJ45 - Web GUI / SNMP	<b>Front Panel</b> Push button - Remote / Local / Automatic - RF Switch
<b>Serial Interface</b> RS232 / Sub-D9	<b>Dry Contact</b> Relay input / Sub-D9

### PHYSICAL

<b>Height</b> 1+1: 1.75 in (44mm) (1U) or N+1: 5.2 in (133 mm) (3U)	<b>Width</b> 19 in (483 mm)
<b>Depth</b> 11.2 in (285 mm)	<b>Weight</b> 1+1: 11 lbs (5 kgs) or N+1: 17.6 lbs (8 kgs)
<b>Power Supply</b> 100-240 VAC	

## Front



## Switching Unit ASI | IF | L-Band Redundant Switch

### Ordering codes

#### XSSR-DEV0-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper,  
- ASI distributor & IF-Band 75 Ohm switch

#### XSSR-DEV2-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper,  
SmartGate, Tyger  
- ASI distributor & L-Band with RF sensing

#### XSSR-DEV4-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper,  
SmartGate, Tyger  
- Dual L-Band 50 Ohm sensing

#### XSSR-DEV6-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper  
- IF-Band 75 Ohm switch via dry contact & IF distributor (1:4)

#### XSSR-DEV8-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper  
- Dual IF-Band 75 Ohm via dry contact

#### XSSR-DE10-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper,  
SmartGate, Tyger  
- Dual L-Band 50 Ohm via dry contact

#### XSSR-DE4I-1992

4+1 DEV IF Switching unit (3 RU) for TeamCast Vyper  
- ASI & RF switches

#### XSSR-DE8I-1992

8+1 DEV IF Switching unit (3 RU) for TeamCast Vyper  
- ASI & RF switches

#### XSSR-DEV1-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper,  
SmartGate, Tyger  
- ASI distributor & L-Band 50 Ohm switch

#### XSSR-DEV3-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper  
- ASI distributor & IF-Band with RF sensing

#### XSSR-DEV5-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper  
- Dual IF-Band 75 Ohm sensing

#### XSSR-DEV7-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper  
- L-Band 50 Ohm switch via dry contact & L-Band distributor (1:4)

#### XSSR-DEV9-1951

1+1 DEV Switching Unit (1RU) for TeamCast Vyper, DualVyper  
- IF-Band & L-Band independant switching via dry contacts

#### XSSR-DE4L-1992

4+1 DEV L-band Switching unit (3 RU) for TeamCast Vyper,  
- ASI & RF switches

#### XSSR-DE8L-1992

8+1 DEV L-band Switching unit (3 RU) for TeamCast Vyper  
- ASI & RF switches

### Ordering options