

FOR SALE

SNG 7

Used HD 1080i SNG Mercedes Sprinter 316D

2+1 fully redundant in 1080i

SNG is fully redundant and includes a redundancy switch

The SNG was built in 2012 by ND Satcom -Germany

First registration in August 2012

Registered as "special vehicle"

Mileage 242.500km

Euro Emission Norm: Euro 5

TÜV/MOT valid until September 2025

UPS - Eaton 3000

Waeco Diesel – Eberspächer Stand Heater system

10 kVA Fischer Panda generator

16 Ampere CEE power system

Air condition system with 3 circles

IEC 60364-7-717 power certificate – UEFA / FIFA standard

Manual Jacks on the rear side

Including:

2x ND Satcom 400 Watt outdoor HPAs

1x Skymas 1900 Antenna

2x Adtec Encoder EN81 – 1080i

1x Ericsson Encoder Voyager II – 1080i

3x Adtec RD 60 Decoder – 1080i

2x Newtec NTC2173 Phase combiner

Kathrein antenna dish for return signal

Rhode & Schwartz FS3 Spectrum Analyzer

Phabrix RX 2000 measuring

Panda Fischer Power Generator 10kVA

1x Eaton RPX 3000 UPS

1x 50m + 1x 20m power cable

Nevion 32x32 video matrix - 1080i

Victron Energy BMV-600S battery monitor

SNG is in good condition and very well serviced and maintained



SNG facts:

Professional uplink and broadcast technology with corresponding redundancies - in HD 1080i

» all requirements of the EBU or UEFA are met

» streaming option integrated

» one-room concept (1-4 workstations)

» integrated emergency power generator / UPS concept

All 3 years serviced from ND-Satcom -service reports are available

Permanently maintained and upgraded -service reports are available

Video/Audio equipment:

Videomatrix:

There is a 32x32 Nevion Video matrix in 1080i installed

Cabling is prepared for a video mixer – video mixer not included

Audio:

Audio mixer is not included – preparation is available

Satellite equipment:

This SNG has high HPA hours, but was well serviced by ND Satcom -everything works perfectly.

All waveguides and tubes are in excellent condition

Helix current is low.

Mileage:

This SNG has a mileage of around 243.000km - was always well serviced, everything works perfectly.

Condition of vehicle:

Small rust positions –easy to repair

Technical specifications of the HD SNG:

Vehicle information:

Mercedes Sprinter 316 CDI

First registration:

August 2012

Mileage:

242.500km

TÜV/MOT valid until:

September 2025

Measurements vehicle:

Length: 5,9m

Width: 2,0m

Height: 3,1m

Power Supply 16A CEE - according IEC 60364-7-717:

16A CEE - IEC 60364-7-717 certified -according to the UEFA power rules

Valid IEC power certificate available

Maximum Weight of the vehicle:

3,88 tons

Euro Emission Norm:

Euro 5

Air condition:

Dometic:

With 3 circles

Jacks - stamps:

Manual jacks on rear side

Waeco Diesel stand heater:

Installed – takes the fuel from the engine of the vehicle

Outside awning:

Manual awning on right and rear side

Power generator:

Fischer Panda 10 kVA power generator – last service done in 2019

UPS system:

1x Eaton RPX3000 UPS system from 2019

System lasts 7 minutes in full production mode

Satellite Equipment:

Antenna:

ND Satcom Skymas 1900 – 1.5mtr. diagonal - 1.9mtr – across

Antenna controller:

1x ND Satcom ACU 4100A SNG

1x ND Satcom ACU E110B SNG controller

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HPAs – ND Satcom:

2x 400W ND Satcom HPAs – outdoor with integrated blockup converter

HPA redundancy Controller:

ND Satcom RCU 50000

HPA 1:

Tx hours: 2.957h

Heater hours: 135h

Output Power: 389W

Heater Current: 1133mA

Helix Current 0,5mA

Helix Voltage 8,62 kV

HPA 2:

Tx hours: 2.176h

Heater hours: 1.028h

Output Power: 347W

Heater Current 1119mA

Helix Current 1,3mA

Helix Voltage 8,56kV

Encoder - 1080i:

2x Adtec Encoder EN81 – 1080i

1x Ericsson Encoder Voyager II – 1080i

Decoder - 1080i:

3x Adtec RD 60 Decoder – 1080i

BISS:

Normal BISS code is possible -No BISS CA

Streaming Encoder – 2 way:

Open Gear streaming encoder – H264

With 2x T21 IP encoder cards

L-Band Patch -Encoder output:

2x Newtec L-Band Combiner Azimuth AZ 750

Omni antennas on roof:

4x Vislink L3520 omni antennas mounted on the roof of the SNG, they used in the past Vislink wireless systems

Dish for return signal:

Kathrein TVRO including Kathrein receiver inside the SNG

ND Satcom Receiving Matrix:

1x RX Patch

1x TX Patch

Spectrum Analyzer:

R&S FS 3 spectrum analyzer

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Measurement equipment:

1x Phabrix RX 2000 measuring device

Video - System control:

Dell configuration computer

Video Matrix - HD1080P – 3G:

1x Nevion SL 32 1080P 3G video matrix

Video distribution -Glue equipment:

1x Lynx frame series 5000

Cards:

2x RCT 5031 master CTR cards

2x P VD 5610 HD/SD Frame synchronizer cards

1x C DX 5624 down conversion 2 / SD analog output card

1x D VA 5724 dual analog video distribution amplifier card

1x D VD 5820 Dual 3G digital video distribtiom amplifier card

Multiviewer:

All monitors with integrated multiviewing

Monitoring:

3x Kroma Quad split monitors – 1080i

1x Craltech CM185SL monitor – 1080P

1x BenQ monitor

1x Sony monitor rear side of SNG

Recording:

Black Magic Hyperdeck Studio Pro – 4K

Videomixer:

No video mixer

Audio:

Audio mixer:

No audio mixer

DolbyE Decoder:

1x TSL AMUZ-8HD-DolbyE

Intercom System:

1x Riedel Performer 32+16 Mainframe

Intercom panels:

1x Riedel RSP 2318

1x Riedel RCP 2116E

Audio monitoring:

TSL AMU-8HD audio monitoring

Soundboxes:

2x Genelec audio boxes

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Video Patchbay (external & internal)

ND Satcom patchfields for video and audio on rear side

UPS system:

Eaton RPX3000 UPS system – 7' under full production mode

Battery monitoring:

Victron Energy BMV-600S battery monitor

The Victron Energy battery monitors monitor the charge status of your battery and ensure a uniform charge status.

Power generator:

1x Fisher Panda power generator 10000NE
10KVA

Power cable:

50m and 20m power cable

Coach building of the SNG:

One room concept.

Video/Audio/Multicore cables included:

Schill drum CAT-7 network drum – 75m -

Schill drum UHD video – 45m

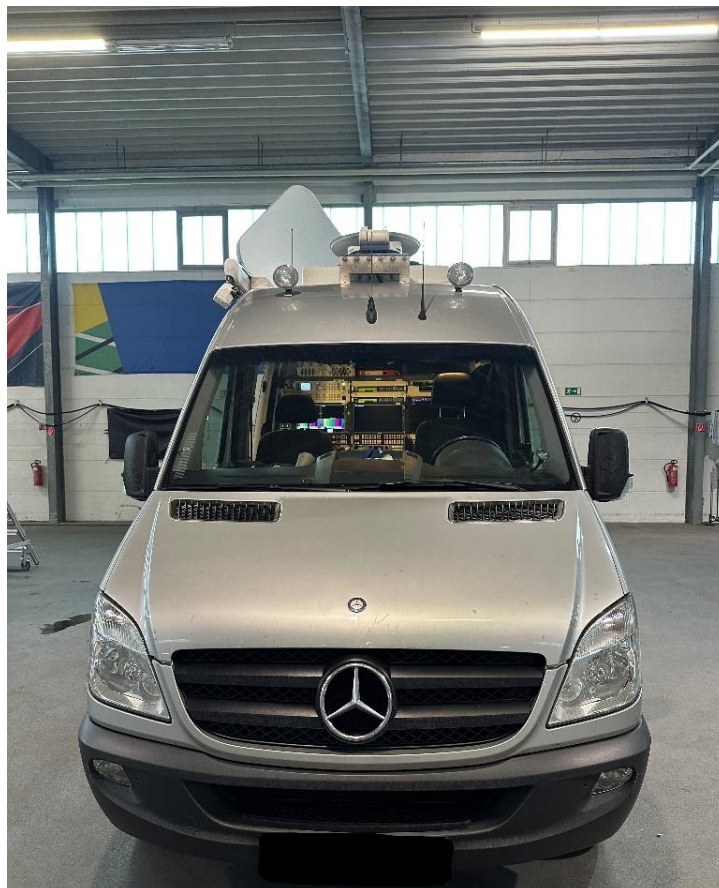
Schill drum HD video – 50m -ok

2x Lemo SMPTE 180m fiber camera cable

1x Schill Belt tension drum video cable 60m HD

Diverse patch cables

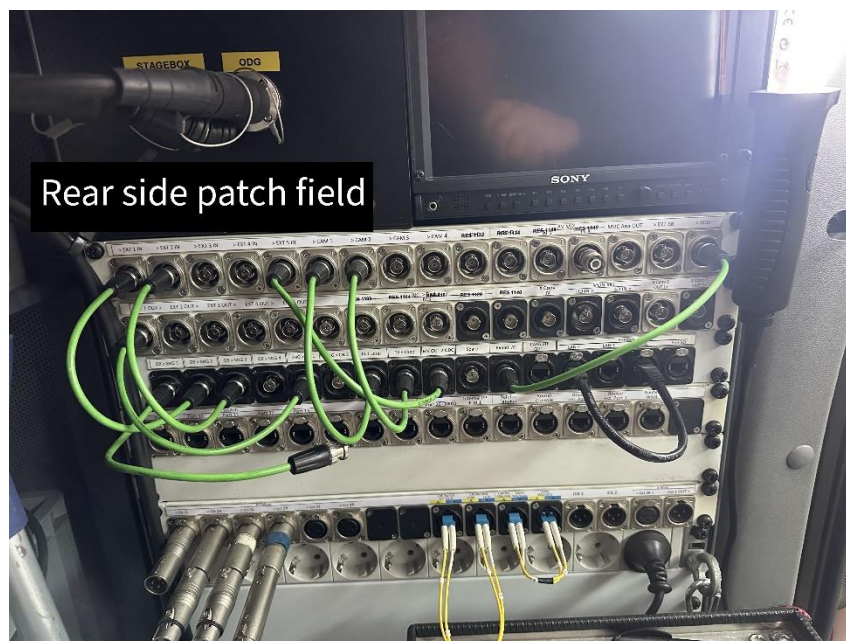
Photos of the HD SNG:



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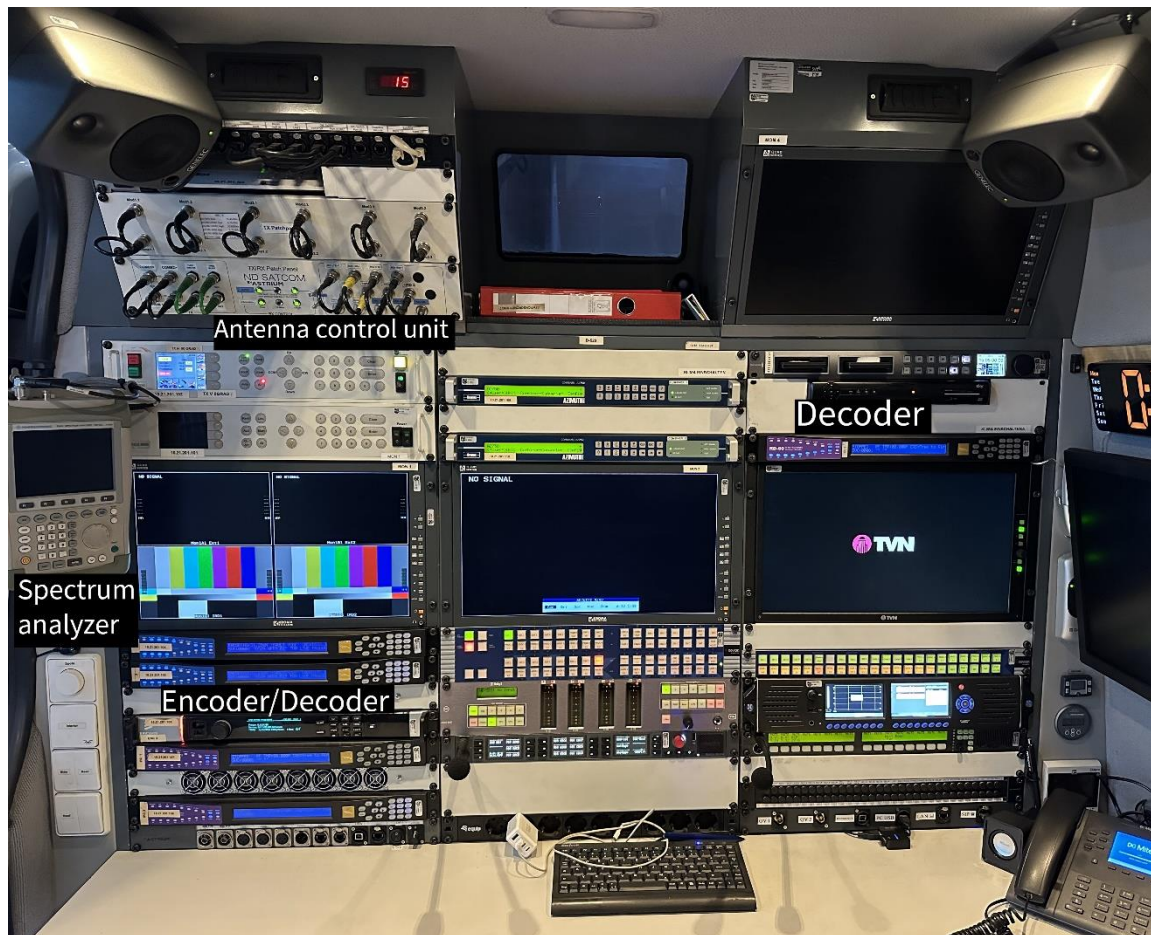
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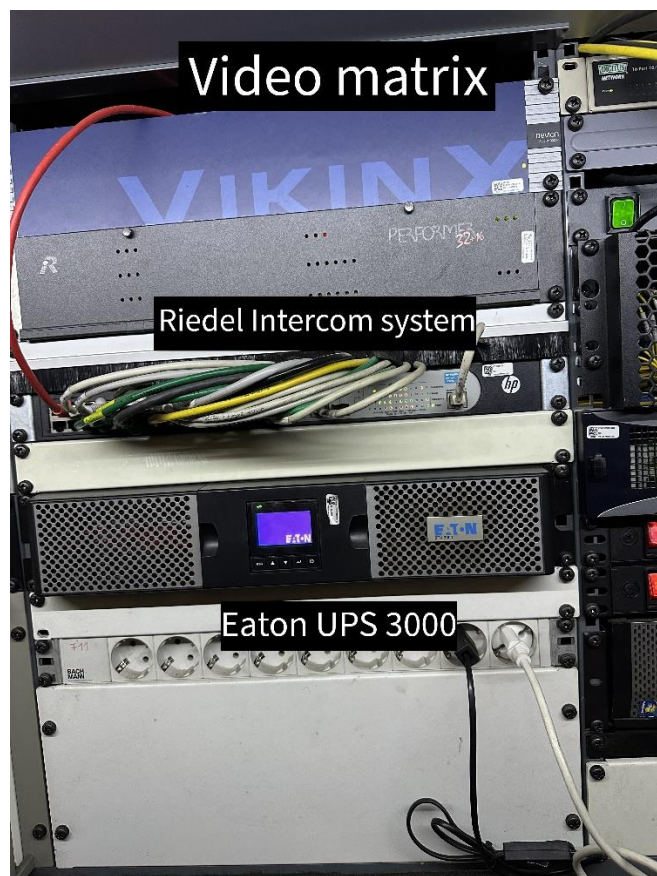


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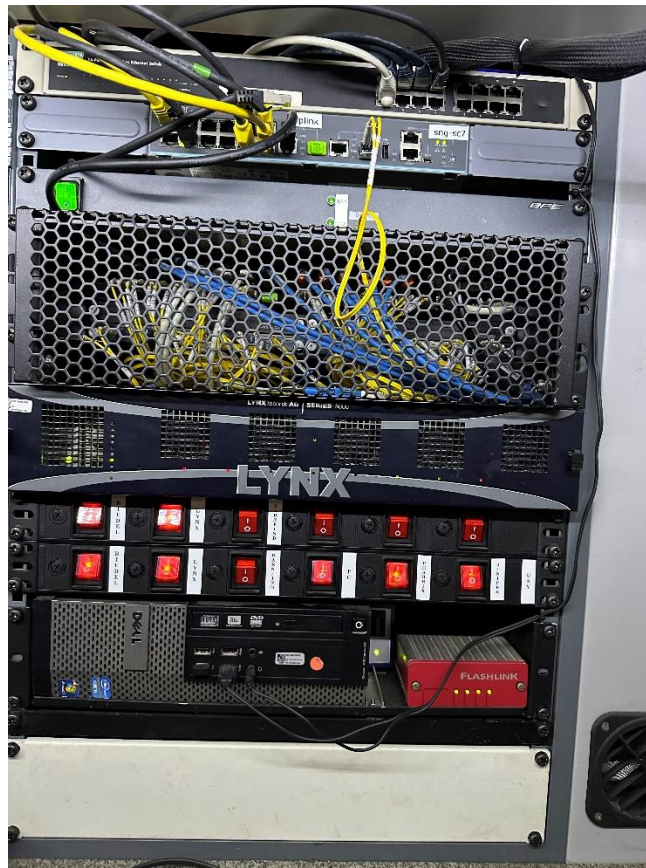


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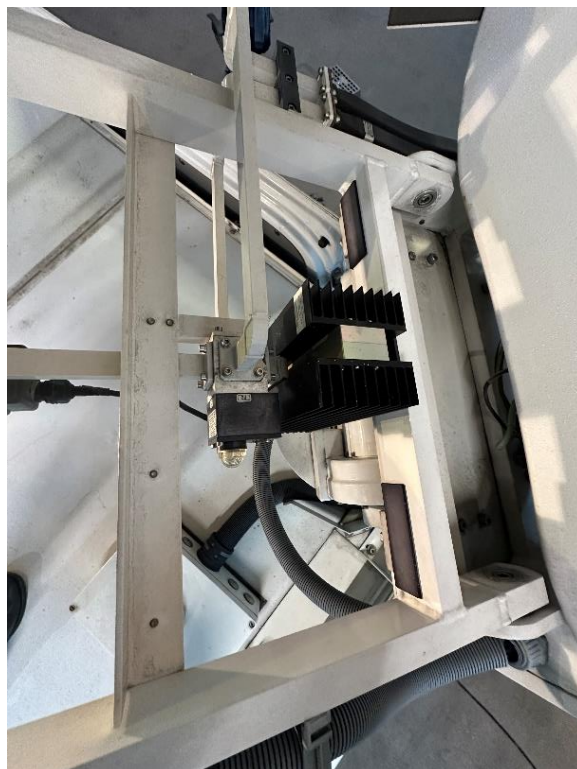
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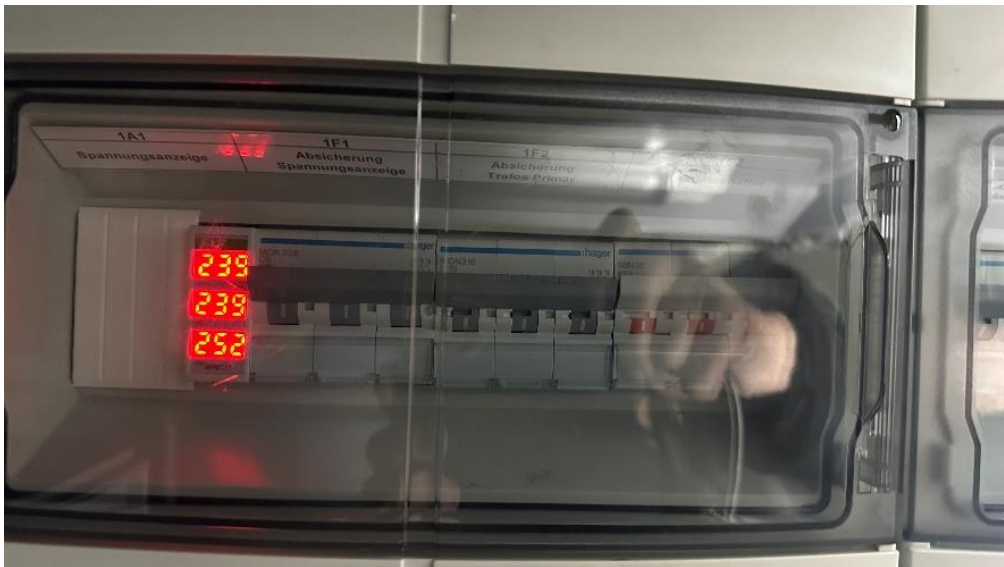


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