

SPARK

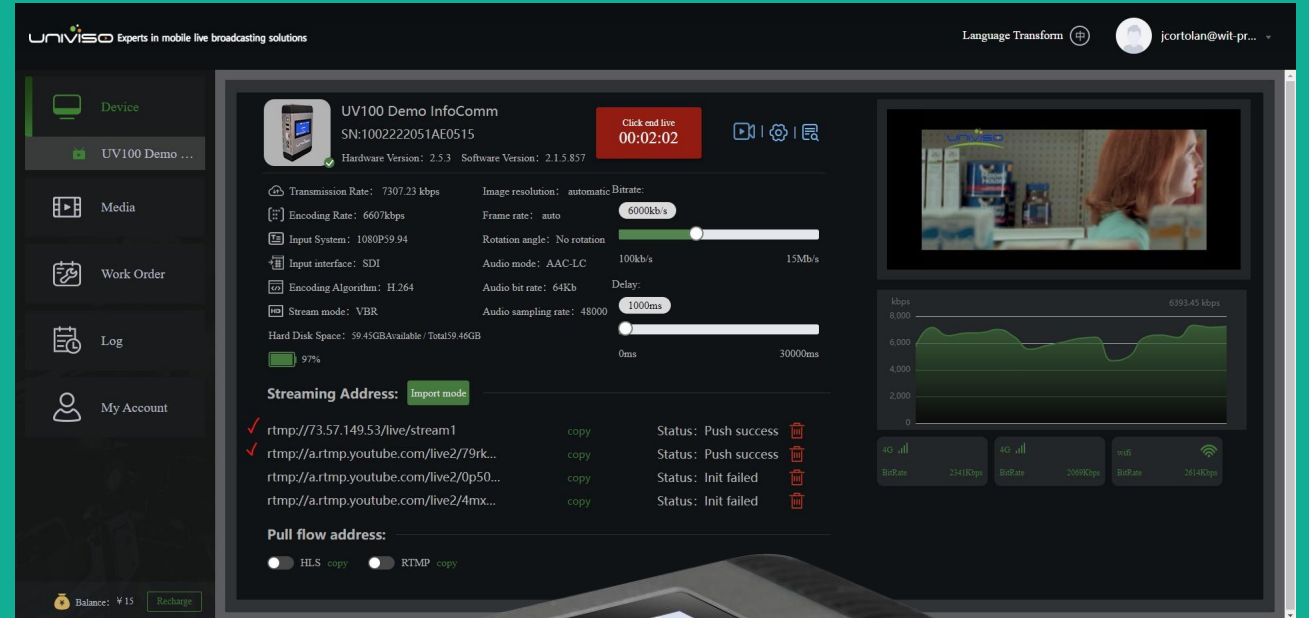
For Streamers and Broadcasters



SPARK

Main Features

- 1080p platform
- SDI/HDMI
- Up to 9 Connections
- UNIVISO Cloud
 - RTMP w/o transcoding
 - SRT for Broadcast workflow
- SPARK upgradeable to UV100



SPARK

- **Portable Bonding Encoder**
 - 3G-SDI/HDMI
 - HEVC & H.264
 - 3x Internal Modems
 - 3x 4G or 1x 5G/4G and 2x 4G
 - 4x Ext USB Modems
 - Modems are optional...Inseego
 - 1x Wi-Fi
 - 1x LAN
 - Internal Battery +2hs
 - 3" Color LCD Touch Display
 - Connected to Spark Cloud
 - Upgradeable to UV100



SPARK

- **SRT**
 - Video/Audio preview on SPARK Cloud not supported in H.265
 - SRT works as Caller only by now
 - SRT supports both H.264 and H.265
 - SRT and RTMP can work simultaneously BUT remember SPARK Cloud doesn't have Transcoding capabilities yet. So, if you want to do both at the same time, RTMP & SRT, you should have to use H.264 Encoding.
- **Upgrade to UV100**
 - Just pay the price difference
 - It requires remote upgrade from factory...in two minutes you have a UV100.

- Device
 - UV100 Demo ...
 - Media
 - Work Order
 - Log
 - My Account
- Balance: ¥15 Recharge



UV100 Demo InfoComm

SN:1002222051AE0515

Hardware Version: 2.5.3 Software Version: 2.1.5.857

Click end live
00:02:02



Transmission Rate: 7307.23 kbps Image resolution: automatic Bitrate: 6000kb/s

Encoding Rate: 6607kbps Frame rate: auto

Input System: 1080P59.94 Rotation angle: No rotation

Input interface: SDI Audio mode: AAC-LC 100kb/s 15Mb/s

Encoding Algorithm: H.264 Audio bit rate: 64Kb Delay: 1000ms

Stream mode: VBR Audio sampling rate: 48000

Hard Disk Space: 59.45GB Available / Total 59.46GB

97% 0ms 30000ms



Streaming Address: Import mode

- ✓ rtmp://73.57.149.53/live/stream1 copy Status: Push success
- ✓ rtmp://a.rtmp.youtube.com/live2/70rk... copy Status: Push success
- rtmp://a.rtmp.youtube.com/live2/0p50... copy Status: Init failed
- rtmp://a.rtmp.youtube.com/live2/4mx... copy Status: Init failed

Pull flow address:

- HLS copy
- RTMP copy

Device

UV100 Demo ...

UV100

Media

Work Order

Log

My Account



UV100

SN:1002222051AE0514

Hardware Version: 2.5.3 Software Version: 2.1.6.974

Click end live
00:00:46



Transmission Rate: 4751.14 kbps

Image resolution: automatic

Bitrate:

Encoding Rate: 5818kbps

Frame rate: auto

8000kb/s

Input System: 1080I59.94

Rotation angle: No rotation

Input interface: SDI

Audio mode: AAC-LC

100kb/s

15Mb/s

Encoding Algorithm: H.265

Audio bit rate: 64Kb

Delay:

1000ms

Stream mode: VBR

Audio sampling rate: 48000

Hard Disk Space: 59.45GB Available / Total 59.46GB

99%

0ms

30000ms

Streaming Address: Import mode

srt://73.57.149.53:8000?streamid=

copy

Status: Push success



Pull flow address:

HLS copy

RTMP copy



BitRate	0Kbps	wifi	BitRate	2488Kbps	4G	BitRate	1658Kbps
4G	BitRate	941Kbps	BitRate	0Kbps			

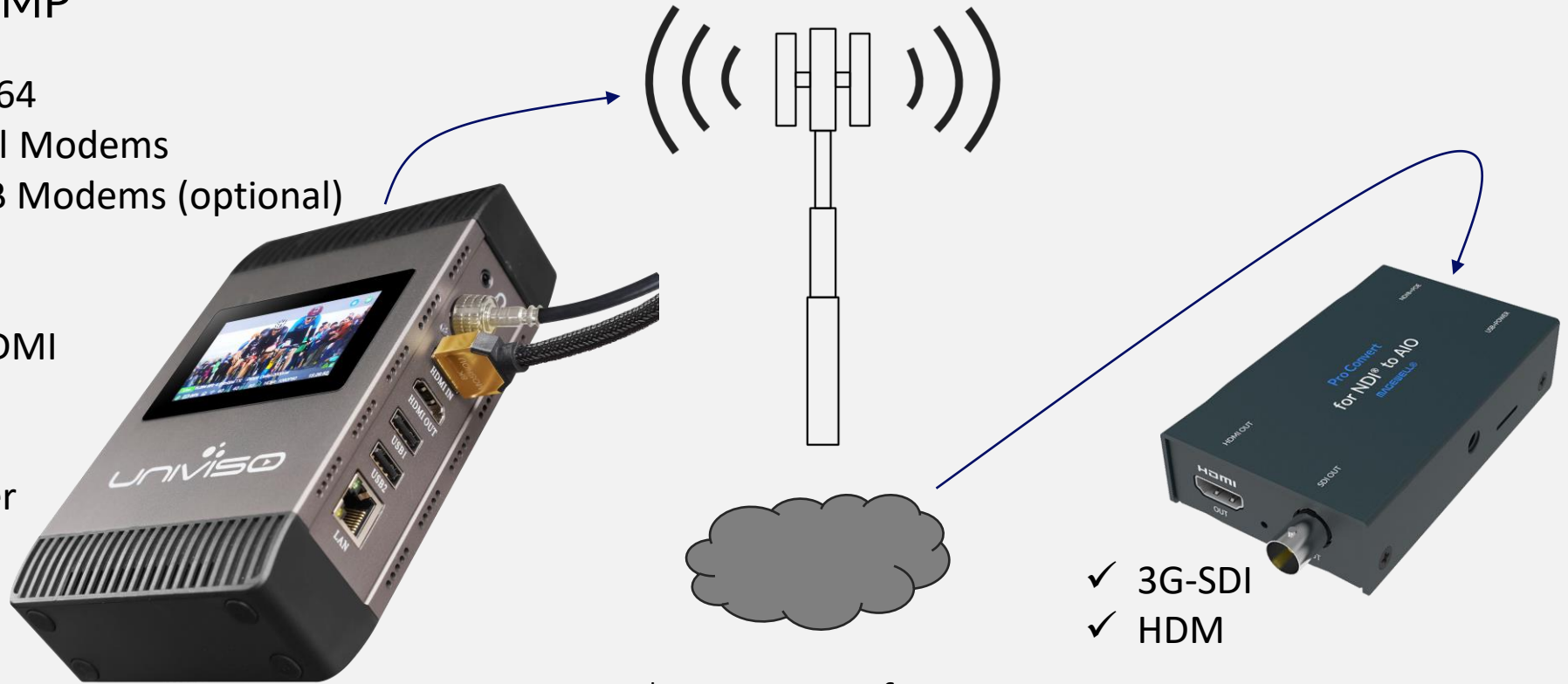
Balance: ¥15 Recharge

SPARK "Broadcast"

- 1ch Complete 4G or 5G/4G Bonding solution

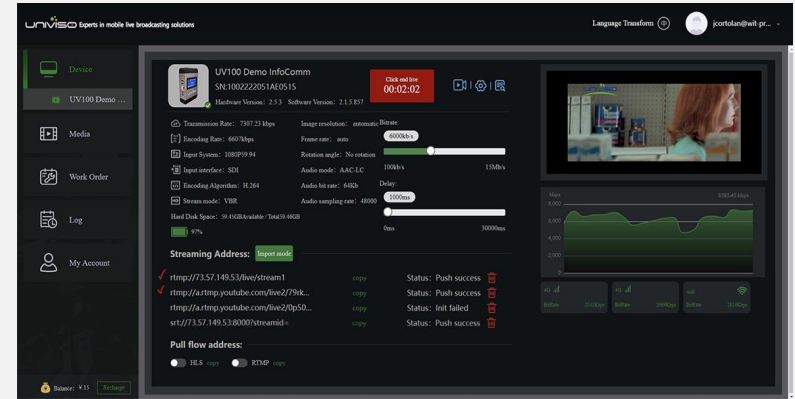
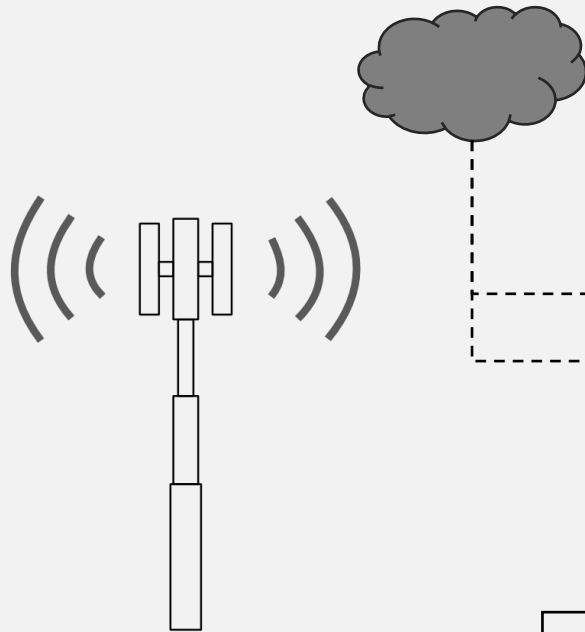
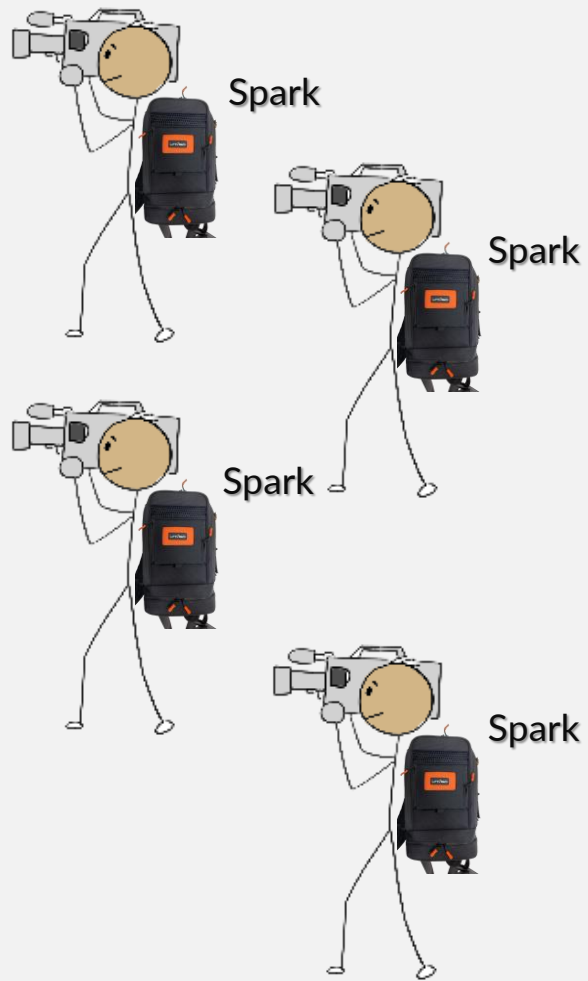
- Encoder + Decoder Bundle
- SRT & RTMP

- ✓ HEVC/H.264
- ✓ 3x Internal Modems
- ✓ 4x Ext USB Modems (optional)
- ✓ 1x Wi-Fi
- ✓ 1x LAN
- ✓ 3G-SDI/HDMI
- ✓ Display 3"
- ✓ Beltpack
- ✓ PS/Charger



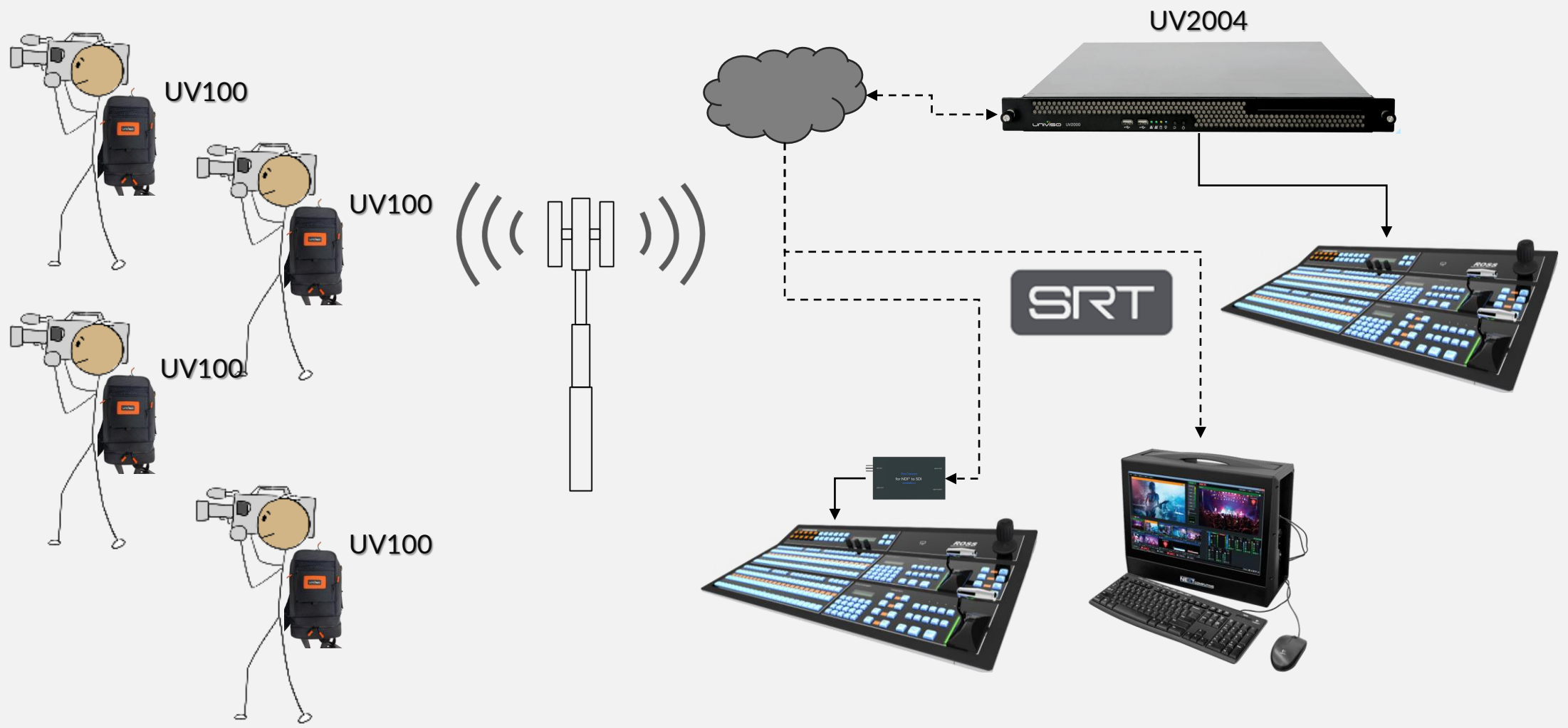
1st year CLOUD for FREE

- ✓ 3G-SDI
- ✓ HDM



UNIVISO Cloud





UNIVISO Experts in mobile live broadcasting solutions

Language Transform jortolan@wit-pr...

Device

UV100 Demo ...

Media

Work Order

Log

My Account

UV100 Demo InfoComm
SN:1002222051AE0515
Hardware Version: 2.5.3 Software Version: 2.1.5.837

Click end time 00:02:02

Transmission Rate: 7307.23 kbps
Encoding Rate: 6607kbps
Input System: 1080P59.94
Input interface: SDI
Encoding Algorithm: H.264
Stream mode: VBR
Hard Disk Space: 59.45GB Available / Total 59.46GB
97%

Image resolution: automatic Bitrate:
Frame rate: auto 6000kb/s
Rotation angle: No rotation
Audio mode: AAC-LC 100kb/s
Audio bit rate: 64Kb
Audio sampling rate: 48000
Delay: 1000ms

Streaming Address:

- ✓ rtmp://73.57.149.53/live/stream1 copy Status: Push success
- ✓ rtmp://a.rtmp.youtube.com/live2/79rk... copy Status: Push success
- rtmp://a.rtmp.youtube.com/live2/0p50... copy Status: Init failed
- srt://73.57.149.53:8000?streamid= copy Status: Push success

Pull flow address:

HLS copy RTMP copy

Balance: ¥ 15

MPEG-TS OVER SRT

Name

Mode

Address

Port

Stream ID

Latency

Encrypted

Audio track

Buffer duration ms

SRT



UV100 Setting params

Basic Audio/Video Logo Transcode **Stream** NDI SDI

Pull RTMP HLS SRT

Push srt 73.57.149.53 8000 1234567890

no	trans	proto	name	url	status	enable	Act
1		srt	test	srt://73.57.149.53:8000?streamid=1234567890	●	✓	🗑️ 📄

Submit Cancel

MPEG-TS OVER SRT

Name Magewell Listener

Mode Listener

Address 0.0.0.0

Port 8000

Stream ID 1234567890

Latency 1000

Encrypted

Audio track 1

Buffer duration 60 ms

OK Cancel



SDI & NDI





WIT-PRO
SMART SOLUTIONS