# Telestration

**The Telestration is a software to provide the drawing function. This software combines broadcasting from the OR with annotation by a remote viewer. The software facilitates cooperation with remote colleagues, and surgeons can receive advice. The remote viewer indicates or highlights elements in the surgical video feed, for teaching purposes, proctoring, and advanced collaboration. In addition to the telestration feed, the original stream remains available in the operating room at all times.**

## Use Cases

### Consult a Colleague

A surgeon can ask interdisciplinary advice and a colleague can facilitate complex evidence-based decisions whenever needed. Avoid asking your colleague to make an unnecessary trip to your operating room, including changing and sterilization. Instead, you can receive remote assistance at any time.

### Share Information and Supervise

Allow a colleague to follow the intervention on your patient from their office, an auditorium, or another operating room. Surgery can proceed safely and securely.

A supervisor can monitor a trainee in a flexible way.

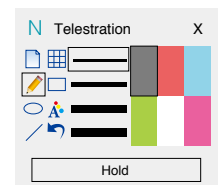### Teach a New Surgical Technique for Education

A hospital can organize events in a flexible way. For example, an ad-hoc student-oriented webinar or local conference can be immediately started, without needing to call for technical support.

## Key Features

### A Variety of Drawings

Video stream can be annotated with ellipses, rectangles, lines, freeform curves, and text. The color and line thickness of annotations is user adjustable, and the video can be paused when making annotations.

Annotations can also be used to conceal parts of the video. For example, it may be desirable to hide patient related information coming from the modality (e.g., an ultrasound) to protect privacy when sharing the video for education purposes.



### Access Control

Clinicians in the OR are required to start the telestration stream and can disable it at any time. The remote viewer is able to use the software only after authentication. This software is available on authorized workstations throughout the hospital but access to the OR video streams and operating rooms can be restricted, similar to Broadcast software, based on the authorization level of the logged-on user.

### Quick Operation

The functionality of Telestration software module is integrated in Broadcast software module. With a few touches, an annotation palette is shown on screen, making it quick to use.

## Specifications

| Features | |
|---|---|
| Mark | Freehand drawing |
| Text | Any alphabet, location-dependent |
| Line | 4 types of width |
| Shapes | Rectangle tool and ellipse tool |
| Color | 6 colors (Black, Red, Blue, Green, White, Magenta) |
| Other | Grid, erase, undo and hold (pause video) |
| Video Delay | Typically 0.3 seconds |
| **System Requirements on Receiving PC** | |
| Supported OS | Microsoft Windows 10 (64-bit) |
| Flash | Version 27 or later |

## Ordering Information

Product reference; **NU-TE30E**

For more details, please contact your nearest Sony dealer.
This product is non-medical device.

## Related Products

Broadcast
Pro License
**NU-BR30E**

Pro+ License
**NU-BR30F**

NUCLeUS Compute
**NU-CP30B**

NUCLeUS Core
**NU-CR30B**