

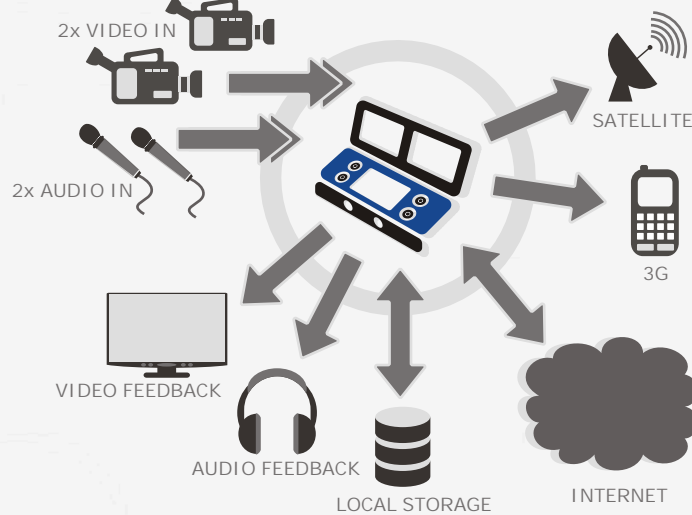
News contribution for Broadcasters Internet & Satellite

Ikusnet changes it all in the world of news contribution

Ikusnet is the product that changes everything about the way that News contribution is accomplished. With Ikusnet you have the choice of sending live News via satellite or the Internet. Ikusnet integrates all the functionality of an ENG van into an extremely compact portable package.

When you send live News using the Internet, you can adapt to varying network conditions using advanced technology developed by Prodys from many years experience with optimizing IP protocols and algorithms such as H.264. Of course Ikusnet also supports live satellite transmission using its DVB-ASI interface, or you can store your material on local SD card storage for transmission to the base station at a later time.

The best aspect of Ikusnet is that it's not only a transmission unit but, also has all the functionality of a News gathering suite; with two video monitors and illuminated control touch pad you have all the tools you need at your finger tips for News production.



Ikusnet Operational Features

- H.264 bidirectional real time encoding/decoding starting at low bitrates ✓
- Internet and satellite transmission and interfaces ✓
- File store and forward using removable SD cards ✓
- Automatic connection to base station through Internet ✓
- Interface for 3.5G mobile Internet connection ✓
- 12V power feed ✓
- Two foldable video monitors with selectable inputs ✓
- Menu touchpad with configurable operational presets ✓
- Program and order/talkback audio channels ✓



The Base station companion for I kusnet news contribution system.

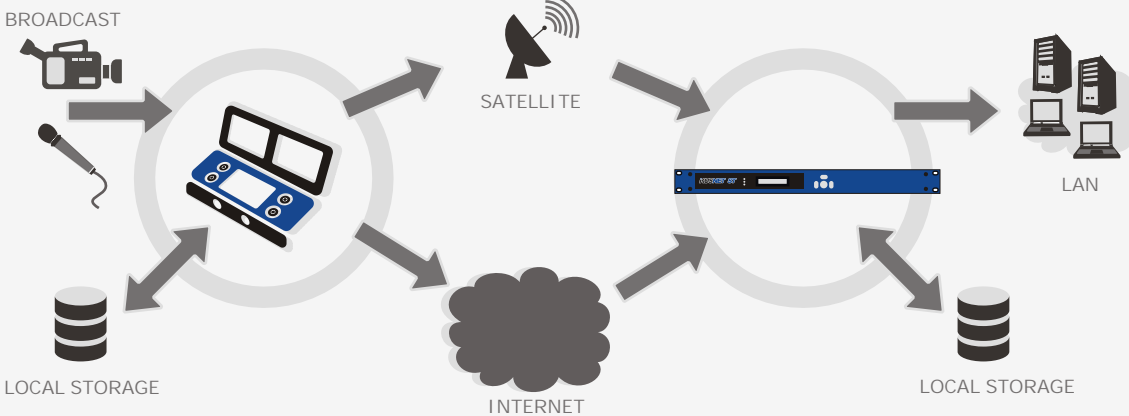
The I kusnet portable system and I kusnet Studio can automatically connect to each other through the Internet; this allows live transmission or video file transfer to be performed. I kusnet Studio is able to decode a live feed sent via the Internet or satellite; it is also able to encode a video stream to be sent back to the remote portable station for cue, fold-back or monitoring.

This compact 1RU unit includes internal disk and can also be connected to an external unit to enable storage of received videos for later access through the local network.

I kusnet Studio can be set-up and controlled by its web interface across your network.

It can also be monitored from its front panel LCD display.

Video and audio signals/levels and connectors are of full broadcast quality. Operationally the unit benefits from Prodys' extensive live broadcast experience since 1995.



I kusnet Technical Features

GENERAL FEATURES

- ✓ 2 x 16:9, 4.5" foldable monitors with selectable inputs
- ✓ Intuitive and fast touchscreen dynamic menu
- ✓ 2 x RJ-45 10/100/1000BT Ethernet interfaces
- ✓ DVB/ASI 270Mbps Program output
- ✓ 3 x USB 2.0 connectors for peripherals
- ✓ SD removable storage media up to 64GB
- ✓ Simultaneous recording during live transmission
- ✓ NAS and MAM custom integration for I kusnet Studio
- ✓ Network monitoring tools
- ✓ 12V external feed
- ✓ Dimensions: 270 x 260 x 115 mm
- ✓ Weight: 4Kg approx.

VIDEO FEATURES

- ✓ 2 switchable video inputs for Program
- ✓ SD and HD compatible
- ✓ External monitor output
- ✓ Genlock input on I kusnet Studio
- ✓ Broadcast BNC connectors
- ✓ H.264 standard encoding with selectable bitrates starting at low bitrates
- ✓ Selectable framerates and spatial resolution
- ✓ Selectable bitrate to optimize transmission quality network conditions
- ✓ Factory and custom encoding presets for fast operation

AUDIO FEATURES

- ✓ Internal audio mixer
- ✓ 2 x audio mic/line inputs for Program and talkback
- ✓ Embedded audio can be selected for Program encoding
- ✓ Balanced broadcast XLR connectors-subD on I kusnet Studio
- ✓ AAC encoding from 8 to 256Kbps
- ✓ PSTN interface for talkback
- ✓ Dual headphone 6.35 jack connectors for feedback output
- ✓ Flat surface rotary audio level controls for inputs and outputs