



## DIREKT LINK 500 & 600. SEND HIGH QUALITY VIDEO OVER INTERNET AND OTHER IP NETWORKS

### STANDARD FUNCTIONS

- Multiple outputs
- HDMI out for monitoring
- Constant bitrate in pre-configured encoding modes
- Adaptive encoding parameters for automatic handling of the capacity of Internet connection
- Network bonding uses several Internet connections for higher capacity and redundancy
- Scales input signal to encoding resolution of choice
- Easy to configure via app for iOS and Android
- Can be controlled via web interface over network
- Create profiles for multiple destinations
- Record to files by connecting a USB storage
- Download recorded files from web interface
- ISS for statistics, supervision and troubleshooting
- Backup and upgrade via web interface or ISS
- Send to a number of different types of receivers
- Create your own encoding settings
- Test picture can be encoded and customized
- Management via IP2 (secondary network interface)
- Bifrost Reliable Transport (BRT)

### FUNCTIONS FOR WEB TV

- Send video using RTMP to Facebook, Youtube and other CDNs using Wowza Media Server, MistServer or Adobe Streaming Server
- Supports multiple resolutions and frame rates
- Record files in .flv-format

### FUNCTIONS FOR BROADCAST ON 600 SERIES

- Send streams using UDP for shortest possible delay
- Interlaced video and anamorphic resolutions
- FEC - forward error correction with low delay

### DIFFERENT MODELS

Intinor	500-series (webTV)		600-series (Broadcast)	
	Mobile	Backpack	Mobile	Backpack
Direkt link	Mobile	Backpack	Mobile	Backpack
Inputs	2xSDI 2xHDMI*	2xSDI 2xHDMI	2xSDI 2xHDMI	2xSDI 2xHDMI
Audio channels	8	8	8	8
3g/4g modems	2, 4 or 8	2, 4 or 8	2, 4 or 8	2, 4 or 8
Built in video mixer*	Yes*	Yes*	Yes*	Yes*
WebTV	Yes	Yes	Yes	Yes
Broadcast	-	-	Yes	Yes
WiFi	Yes	Yes	Yes	Yes
BRT - Network bonding	Yes	Yes	Yes	Yes
FEC	-	-	Yes	Yes
HDMI out for monitoring	Yes	Yes	Yes	Yes
*Available in Q2 2018				

### DIFFERENT FORMATS

#### MOBILE

Direkt-link 500/600 mobile is easy to carry, quiet and powerful, why compromise when you can have it all?

#### BACKPACK

Our Direkt lin backpack is an all Swedish combination between Intinor and Easyrig. By using their trusted vest we can offer an ergonomic solution that also can be combined with their camera rig.

#### MADE IN SWEDEN!

## OPTIONS

Direkt link is primarily customized using options. Other customer tailored solutions are made on order.

### 4-WIRE TALKBACK

By using 4-wire talkback, Direkt link can connect to other Direkt units for audio communication with short delay. The option gives two full duplex mono channel, for example control room and studio return.

### BATTERY CABLE

Direkt link mobile can be equipped with battery cable to run on camera battery

### CASE

All Direkt links can be delivered in custom cases.

### EXTRA ENCODER

Direkt link can encode the input signal to one or multiple other encoding modes. For example if one want to record in higher quality or send in multiple qualities.

### ENCRYPTION

The video stream between Direkt link series and Intinors Direkt receiver can be encrypted and authenticated in a very secure way if needed.

### AUTOMATIC FILE SYNC USING FTP

When a new file is ready on the Direkt link or router and live streaming has stopped, it automatically uploads the file.

## TECHNICAL SPEC.

Digital in SDI embedded	SMPTE 259M, SMPTE 272M PAL, NTSC 0-16 audio channels
Digital in HDSI embedded	SMPTE 292M, SMPTE 299M 720p/50, 720p/59,94, 720p/60, 1080p/23,98, 1080p/24, 1080p/50, 1080p/60, 1080i/25, 1080i/29.97, 1080i/30 0-16 audio channels
Digital in HDMI	Up to 1080p
Digital video ut H.264	H.264/MPEG4 AVC video (ISO/ IEC 14496- 10) BP@L3.0 - HiP@L5.1 (4:2:0), option for 4:2:2.
Digital audio out	MPEG1 audio layer 2 (ISO/IEC 11172-3) AAC (ISO/IEC 14496-3:2005) MAIN
Transport out TCP	MPEG2-TS over IP (ISO/IEC 13818-1) adaptive bitrate
Transport out RTMP	
Transport out Network bonding	BRT (Bifrost Reliable Transport) Proprietary, adaptive bitrate and resolution
Transport out UDP (only on broadcast models)	MPEG2-TS overIP (ISO/IEC 13818-1) UDP and RTP (RFC 3550, RFC 2250)
Error corrections UDP (only on broadcast models)	FEC: Pro-MPEG COP #3, SMPTE ST 2022- 1:2007
Interface out	2 Ethernet 10/100/1000, RJ45 Extra RJ45 via external USB-LAN
3G/4G	2, 4 or 8 built-in industrial modems
Hard disk for archiving	External USB2.0 / USB3.0
Size mobile	240 x 160 x 90 (w x d x h)
Weight approximately	2300g
Power consumption	Max 50W