



RADIO/TV SERVICES

INDIANA UNIVERSITY
Bloomington

RTVS HD Flypack

Updated 8/2/11

Cameras

- 4 Sony HDC 1400 HD cameras
- 4 Studio kits w/rear lens controls
- 1 Fujinon 19x8.7mm ENG lens
- 1 Fujinon 10x4.8mm wide angle lens
- 2 Fujinon 23x7.6mm telephoto lens
- 1 Sony buildup sled for long lens**
- 1 Vinten Vector 90 pan head
- 1 Vinten heavy duty tripod
- 4 Sachtler Hotpods
- 1 Jimmy Jib triangle (6'-30')*
- 1 Autoscript 15" color teleprompter*

(All cameras are HD-SDI with SMPTE fiber connections)

**Priced separately, available on request*

***Long Lens rental also available separately*

Production

- 1 Sony MVS-6000 2M/E HD video switcher
 - 32 inputs
 - 24 outputs
 - 2 Ch. 3D DME
 - 8 channel internal Still Store
- 1 Abekas Clipstore MXc with P-bus control
- 1 Chyron LEX 3 (2 Ch.)
 - running lyric V8.0
 - Photoshop CS5 installed
- 1 Evertz VIP32 Duo Multiviewer
 - 32 auto sensing inputs
- 2 Sony Bravia 46" LCD displays
- 1 RTS KP-16 at Director Console
- 1 RTS KP-12 at TD Console

Tape

- 4 Sony PDW-F75 XDcam decks
- 1 Sony MSW-M2000 IMX deck
- 2 Toshiba DR-420 DVD recorders
(Legacy formats available on request)

Audio

Yamaha DM1000VCM digital console

Onboard DSP for dynamics, EQ, EFX, and Delay

16 mic/line analog inputs and 4 additional line inputs

32 channels AES input

12 channels analog output

32 channels AES output

8 aux sends

- 2 Fostex 6301D monitor speakers
- 1 Whirlwind Qbox
- 1 AES Qbox
- 4 Whirlwind mic splitters
- 2 Henry Matchboxes
- 1 Compaq Laptop with iTunes, AZedit, & DM1000 interface

Microphones

(available on request)

- 2 Sony wireless RX with wireless belt packs and handheld TX
- 4 Shure SM57
- 5 Shure SM58
- 2 Sennheiser 421
- 4 Neumann KM-84 condensers
- 3 Sennheiser shotgun mics
- 4 Sony ECM 44B wired lavalier mics

Engineering

- 1 Evertz SDI Closed Caption encoder
- 1 Blackmagic SDI Utrascope WFM/Vector
- 5 AJA FS1 framesync & up/down/cross converters
- 1 HD-SDI Scan-Do Scan Converter
- 1 HP Laptop
- 1 Harris HD-Star SDI signal generator
- 2 Telecast Fiber rattler mini TX/RX sets
- 1 Multidyne HD/SD fiber TX/RX set

Various mini Converters and DA's available

Communications

- 1 RTS Cronus digital matrix intercom
 - 24 ports
 - Telephone interface
- 2 RTS TW PL Channels
- 6 RTS BP-325 dual listen beltpacks
- 4 RTS KP-12 user stations
- 1 RTS KP-16 user station
- 2 RTS KP-4 "Biscuit Box"
- 2 RTS BTR-800 2ch. wireless intercom transceivers
 - up to 4 beltpacks per station*
- 10 I-Com two way radios

Power Requirements

60 Amp service
Three 20 amp Circuits

Monitors

- 2 Ikegami 9" NTSC color monitors (16x9)
- 4 Blackmagic 8" HD-SDI LCD monitors
- 4 Panasonic 50" Plasma displays w/stands *
- 1 JVC 42" Plasma display w/stand*
- 1 Samsung 19" LCD HD monitor
 - * *Can be mounted vertically*
 - * *Priced Separately*

Video Cable

- 4 500' SMPTE Hybrid Fiber
- 4 100' SMPTE Hybrid Fiber
- 1 200' 6 ch. single mode fiber mult
- 1 500' 2 ch. single mode fiber mult
- 1 150' 6 ch. Coax mult

2800' of coax cable

Audio Cable

- 2 250' DT-12 w/fanouts
- 2 100' DT-12
- 2 DT-12 "passthrough" breakout box

2800' of XLR cable

Dimensions

Kit requires room 20'x 15'
HVAC service required

Transmission

270Mbps SD-SDI Fiber link to analog C band uplink and Vyvx services*
Fiber link to all Indianapolis TV stations*
Adobe Flash and Windows Media streaming encoders available*
(Note: Server must be provided by client)
KU and C band downlink capabilities*
**transmission services not avialable in all areas*