Hitachi dual-purpose CCU has both Triax and Fiber interface and transmits 3G(1080p)/1.5G(1080i) video using original ultra-low latency H.264 codec. The CU-HD1300FT series can change the use of the Triax and Fiber with replacing the dock-able camera adaptor without changing the camera. Multilevel digital modulation technology transmits multi-format video with high bitrates on long distance triax cable. The CU-HD1300FT series camera control units are very compact 2U size.

**CCU Common Features and Benefits**

- **Triax and Fiber dual-purpose CCU**
  - Equips both Triax and Fiber connectors and transmits 3G (1080p) video.

- **Triax Mode**
  - Multilevel digital modulation technology transmits high bitrates signals Multi-format Long distance transmission with Triax cable up to 1800 m (@14.5 mm FUJIKURA), 900 m @ 8.6 mm FUJIKURA, 1250 m @ 11 mm DRAKA and 1750 m @ 14.4 mm NK NETWORKS (1080).
  - Ultra-Low latency H.264 codec.
  - Less than 1 field (<20 ms) latency by multi-slice ultra-Low latency H.264 codec.

- **Fiber Mode**
  - With 9.5 mm SMPTE 311 cable up to 4000 m video transmission
  - With Single mode fiber up to 10,000 m video transmission

**Option Model**

- 1080p (29.97/25) : CU-HD1300FT/CU-HD1300T
- 4K format (50/59.94) : CU-HD1300FT/CU-HD1300T
- LAN Trunk via RJ45 : CU-HD1300FT/CU-HD1300T/CX-HD1300
- 4K format (50/59.94) : CU-HD1300FT/CU-HD1300T
- 1080p (29.97/25) : CU-HD1300FT/CU-HD1300T

**CU-HD1300FT/CX-HD1300/CA-HF1200 Digital Triax and Fiber System**

- **CCU Status OPT&TRX LED indicators**
  - Show cable condition on front panel.
- **Triax Camera Control Unit**
  - Cu-HD1300FT Front Panel
  - Cu-HD1300Ft Rear Panel (Fiber/Triax)
- **CX-HD1300 Triax Adaptor**
  - 50Hz, Fisher Rear Panel
  - 60Hz, Kings Rear Panel

**SA-1000 Studio Adaptors**

- With consideration to our customers and advancements in production workflows that require hand-held cameras to be used with large lenses in studio or field HD productions, Hitachi offers the SA-1000 studio Adaptor.
- Functions routinely required by the cameraperson in Studio and Field production are brought out from the camera menu system and grouped in the SA-1000’s rear operation panel for easy access.

**VF-L20HD 2inch Color LCD Viewfinder**

- Model VF-L20HD has High-resolution 2-inch color LCD panel with the built-in heater.

**System configuration chart**

**Single Mode Fiber System**

**HAAD** series cameras and Z-HD series cameras

**Accessories**

- Remote control units (SA-1000-S2/SA-100-S4)
- Camera Adaptor (SA-1000/SA-1000-S1/SA-1000-S2/SA-1000-S4)
- Viewfinder Adaptor (VF-L20HD)
- 9-inch Viewfinder (VF-L90HD)
- 7-inch Viewfinder (VF-L70HD/DVF-L70HD/DVF-L70HD)
- 5-inch Viewfinder (VF-L50HD/DVF-L50HD/DVF-L50HD)
- Monitor (9-inch OLED Viewfinder HDF-EL800H, 7-inch Viewfinder HDF-700H, 5-inch Viewfinder HDF-500H)
- Viewfinder Adaptor (VF-402-S3/SA-1000-S2/SA-100-S4)
- Viewfinder Adaptor (VF-L90HD/MH-402)
- Viewfinder Adaptor (VF-L402-S2/MH-1000)
- Viewfinder Adaptor (VF-402-S3/SA-1000-S2/SA-100-S4)
- Viewfinder Adaptor (VF-L90HD/MH-402)
- Viewfinder Adaptor (VF-L402-S2/MH-1000)
- Viewfinder Adaptor (VF-402-S3/SA-1000-S2/SA-100-S4)
- Viewfinder Adaptor (VF-L90HD/MH-402)
- Viewfinder Adaptor (VF-L402-S2/MH-1000)