

Hitachi Multi-Standard Camera SK-3300 Series

HITACHI





Features-1

- **Full HDTV & SDTV Performance**
Multi format (without replacement of Unit)

1080i HDTV Camera Standard 1080i and 480i
Optional 1080i/720P and 480i

- **New 12 bit A/D DSP**

High performance
High picture quality
Low Power consumption

- **Independent Controls for HDTV & SDTV**
Functions

Main signal processing DSP & SDTV signal process DSP,
DTL & Masking

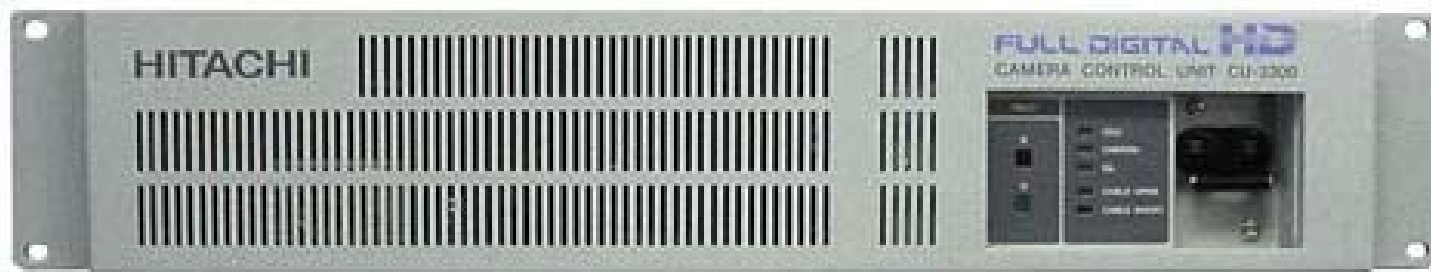


Features-2

- **High quality Down/Up Converter**
High speed signal processing prevents moiré & waveform distortion
- **Support Full Digital system**
Monitoring output signal
- **Same HD and SD signal Phase output from CCU**
Same phase for HD-SDI: 1080i/720p, D1, VBS
Delay time is less than 600us
- **Built-in frame sync**
Trouble free for return video switching
- **Freely selectable for any return video signal format**

Features-3

- **Reliable & Serviceable CCU design**
HD signal processing, SD signal processing and Power circuit are separated by built-in individual modules.





Camera-man friendly Design

- **SK-3300P**

Light & Compact Approx. 4.7kg including VF

Balance of Camera: Front/Back, right/left

4 input return signal selection available

Function	SK-3000P	SK-3300P
Optical Filter	2 wheel/4	2 wheel/5
DSP	0.35u	0.18u L/ Power
A/D	10 bit	12 bit
HD-SDI OUT	Optional	Standard
Size	135x250x390	118x210x374
Width		Slim body
VF		Compact
Mass(kg)	6.3	4.7



SK-3300P/SK-3300



SK-3300



SK-3100P/SK-3300P



Compact CCU Design

- **Compact & Lightweight CU-3300**
Full rack & 2 units ,Built-in Down/UP converter
,Digital Encoder for NTSC signal
Independent control both HDTV & SDTV for DTL/ Masking
- **Comparison of Current & New CCU**

Function	CU-3000	CU-3300
Height(rack unit)	3	2
Mass(kg)	25	15
Plug in unit	11	3
Power consumption	300VA	150VA
Format exchange	Unit replacement	Menu
NTSC Encoder	Analog	Digital



Accessory



Studio adapter



Set Up Unit



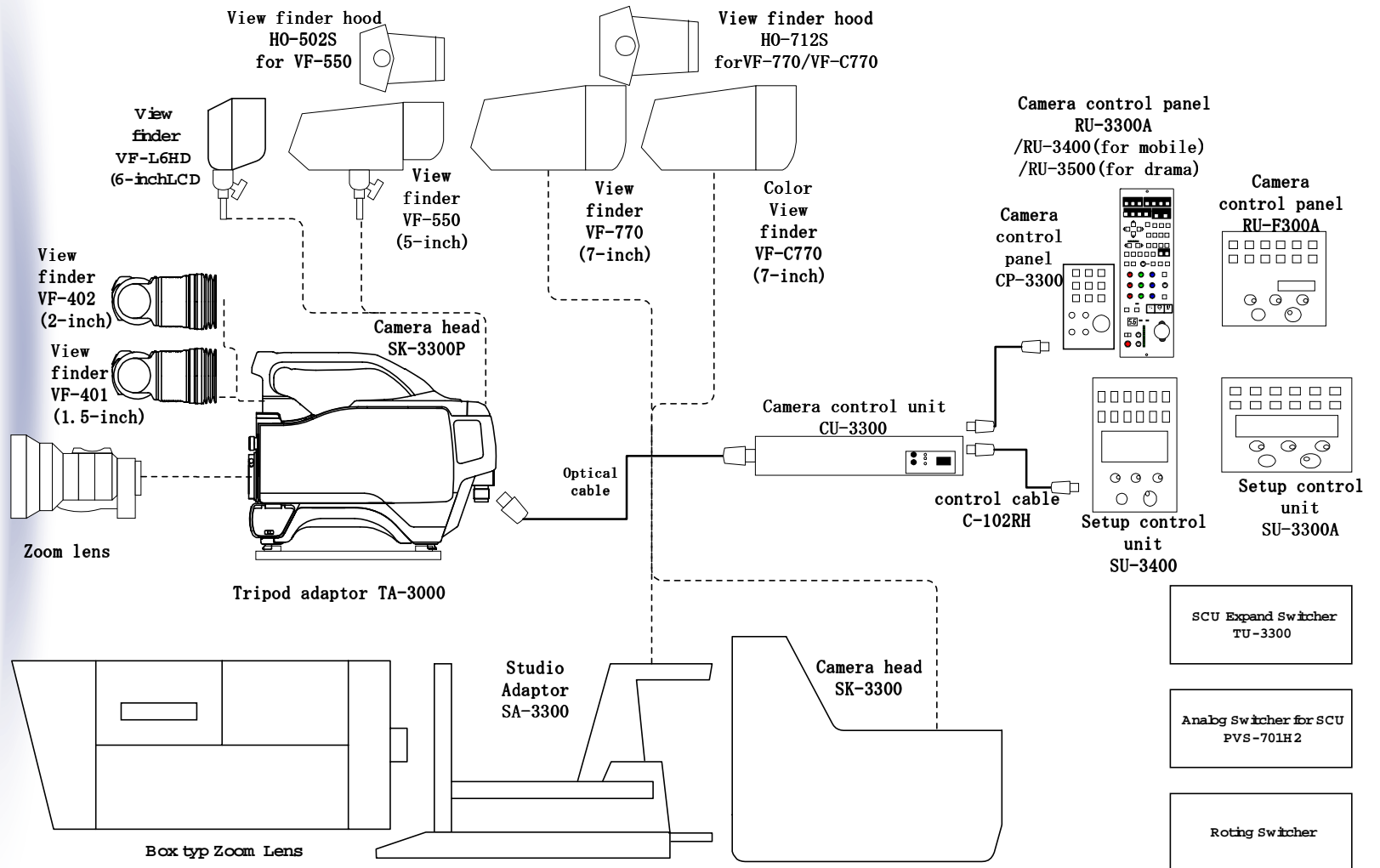
Remote Unit



Portable LCD VF

Composition

SK-3300/SK-3300P System Configuration





Worldwide Customer List

HDTV Camera	Qty	Broadcast Station
SK-3000P	11	TAO(1), NTV(2), CHUKYO TV(2), AOMORI TV(2), NHK(1), TV ASAHI(2), BS ASAHI(1)
SK-3000	9	NTV(4), CHUKYO(3), AOMORI TV(2)
SK-3300P	29	NTV(5), TAIWAN(8), SIZUOKA(4), EHIME(6), NTV(4), YAMAGATA TV(2),
SK-3300	12	TAIWAN TV(7), NTV(2), YAMANASHI(3),
TTL 2/11/02	61	

HDTV Comparison

Comparison HDTV camera

	Ikegami		Sony		Hitachi	
	HDK-79E		HDC-950		SK-3300P	
CCD 1080i	2.2M pixel FIT -CCD	○	2.2M pixel FIT -CCD	○	2.2M pixel FIT -CCD	○
1080i	2.2M pixel IT -CCD	◎	—	△	2.2M pixel IT -CCD	◎
Sensitivity (2000 lx)	F8	○	F10	◎	F8	○
S/N(dB)	56	○	56	○	56	◎
Resolution(TV-L)	1000	○	1000	○	1000	○
Mod. Depth at 27MHz %	45	◎	40	○	45	○
Head Power(VA)	42 (at VTR rec.)	○	45	○	45(w/Optical cable operation)	○
Size (W x H x D) mm	105 x 222 x 375	△	133 x 276 x 360	△	115 x 209 x 348	◎
Mass k g	6	△	5.1	△	4.7	◎
Side Panel extension for Heat ventilation	yes	△	yes	△	NO	◎
Optical Cable connector location	right	△	right	△	Center 150 degree adjustable	◎
CCU Height mm	133	△	133	△	88	◎
Mass kg	30	△	20	△	15	◎
Power VA	500	△	540	△	150 + 50	◎