

HITACHI

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Professional Digital Color Camera system





Feature of Z-3400



- 14 bit A/D converter
 - S/N 63dB
- DSP
 - Latest LSI design
(0.18 micro-meter design rule)
- Rich complement of accessories
 - Camera base station :RU-Z35(w/ SDI output)
 - Triax base station :TU-Z3A
 - Camera adaptor : CA-ZD1



Feature of Z-3400



■ Specification

- 2/3" 4:3 470k pixel CCD (-130dB smear level)
- High sensitivity (F11 at 2000 lx)
- S/N ratio 63dB
- Horizontal resolution 900TV line
- Minimum illumination 0.5 lx at F1.4



Feature of Z-3400



- Major Function
 - 5 position ECC Filter
 - Gray Scale Auto Setup
 - 4 Scene files
 - CS(customer select) SW
 - Setup card



DSP Function of Z-3400



- Automatic flesh-tone detection
 - Dual flesh-tone settings
 - Flesh-tone masking
- DTL
 - High Chroma DTL
 - Variable Detail Frequency
- Masking
 - 6 Vector Color Correction
 - Linear Matrix
- Gamma
 - Special Gamma

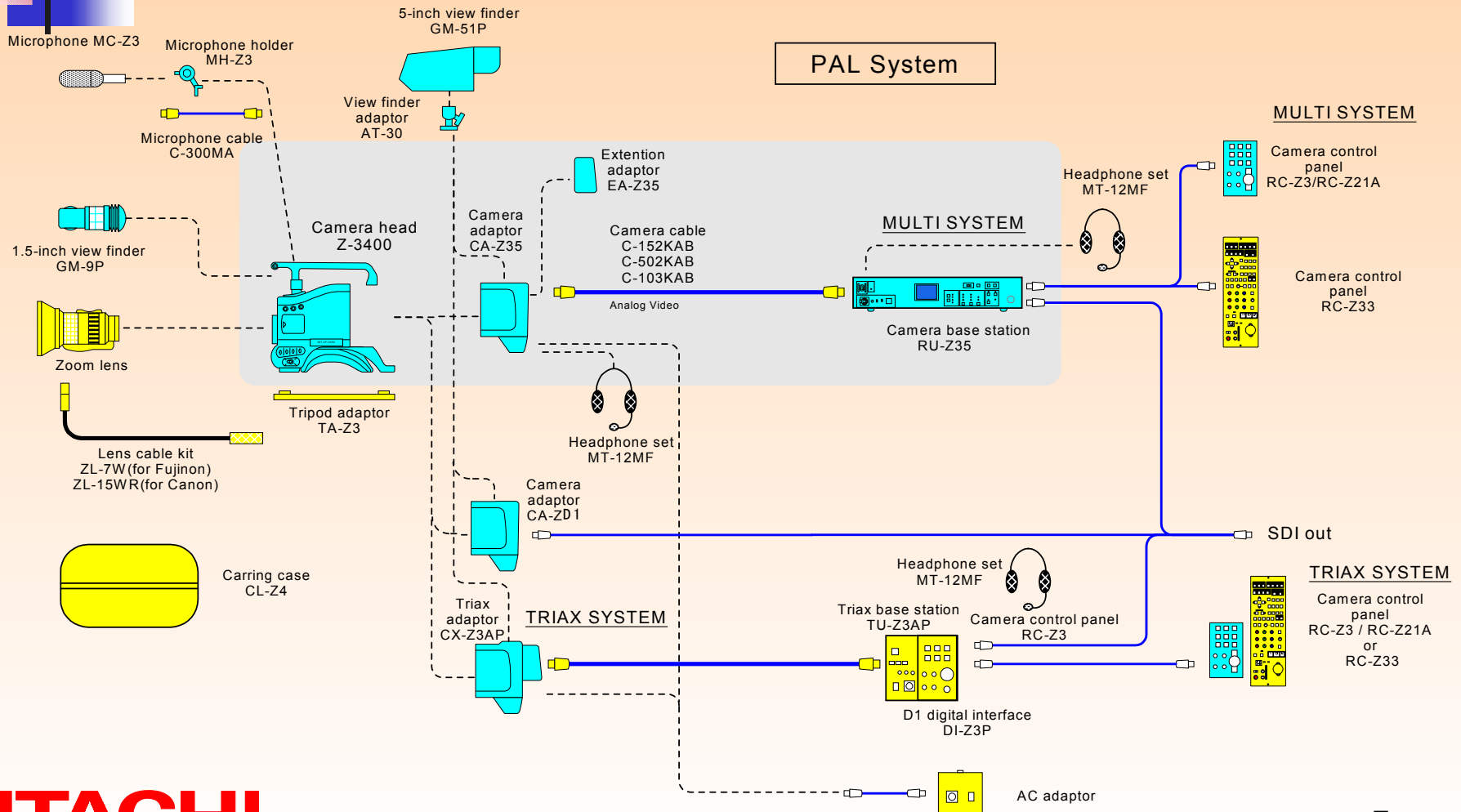


DSP Function of Z-3400



- Digital shading compensation
 - Black and White shading
 - Auto setup
- Pixel concealment
 - 64 pcs
 - Auto setup
- Digital noise reduction
- 3 type auto iris gate

System configuration



ECC Filter



Electric Color Compensating

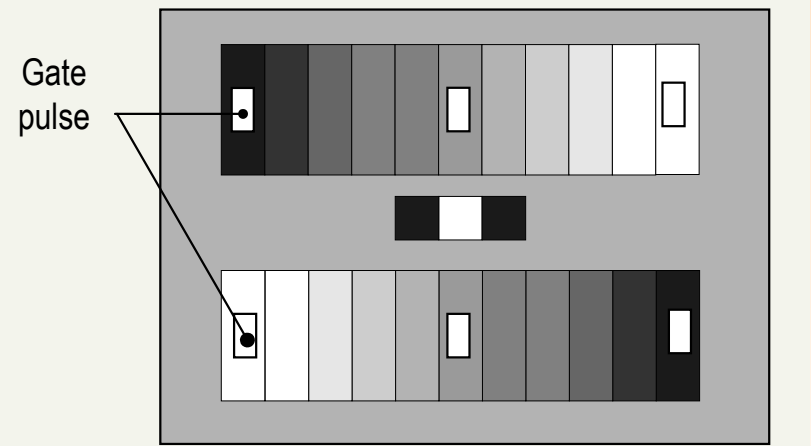
- 5 ECC filter
 - 3200K, 4300K, 5600K, 6300K, 8000K
- 1 optical filter disk (OPT FIL) & electric filter (ECC FIL) as combination use



Gray Scale Auto Setup



- Gray Scale Auto Setup.
**Adjust automatically at the same time
White, Black, Gamma, and Flare**
- No special chart is needed





Setup card



- Setup card for camera setting menu data
- A small size general purpose memory card (Compact Flash 2M to 64M) can be used as , the setup card.