



FC II SERIES CAMERAS

A range of compact CS mount monochrome cameras with sensitivity of 0.1 Lux at F0.8

Exceptionally reliable, robust cameras available in 3 power requirements.

DATA SHEET



CONSTANT EVOLUTION

The 1/3" CCD gives a solid 380 TVL and has been further developed with the addition of adjustable back light compensation (BLC) and DC iris adjustment for DC driven lenses. With computar F0.8 lenses, sensitivity increases to 0.1 Lux.

SIMPLICITY ITSELF

The FC II range still has the following features:-

- Automatic Electronic Shutter (AES)

- DC/Video drive selection
- Internal/Line lock selection

BACK LIGHT COMPENSATION (BLC)

The BLC function when switched on can be adjusted via a recessed potentiometer found by the switch itself.

ESTABLISHED FEATURES

The FC II range can accept all types of lenses whether manual or auto iris with the same plug in point for both auto iris variants, DC or Video.

The AES function has a wide

response which is ideal for all manual lenses. With the addition of a 5mm adaptor ring (VM400), any C mount lens can be used.

The mounting block can be moved for wall or ceiling mount and computar FCS pre-plug lenses can be installed simply via the 4 way connector on the side of the camera.

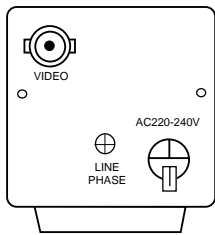
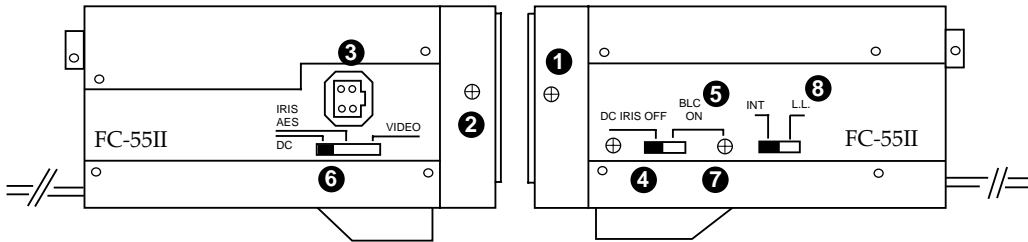
The AC versions also have a line lock phase potentiometer at the rear of the camera. Adjustment of this pot can eliminate picture 'bounce' when using a switcher.

FULL SPECIFICATION

	FC65 II	FC67 II/FC62C	FC55 II
Image Sensor	1/3" Interline CCD	1/3" Interline CCD	1/3" Interline CCD
Effective Pixels	500(h) x 582(v)	500(h) x 582(v)/500(H) X 492(V)	500(h) x 582(v)
Resolution	>380 TVL	>380 TVL	>380 TVL
Sensitivity	0.098 Lux @ F0.8 50 IRE 0.15 Lux @ F1.0 50 IRE 0.22 Lux @ F1.2 50 IRE	0.098 Lux @ F0.8 50 IRE 0.15 Lux @ F1.0 50 IRE 0.22 Lux @ F1.2 50 IRE	0.098 Lux @ F0.8 50 IRE 0.15 Lux @ F1.0 50 IRE 0.22 Lux @ F1.2 50 IRE
Video Output	Composite 1Vp-p/75Ω	Composite 1Vp-p/75Ω	Composite 1Vp-p/75Ω
S/N Ratio	46dB	46dB	46dB
Electronic Shutter	1/50 - 1/100,000	1/50 - 1/100,000	1/50 - 1/100,000
Synch. System	Internal/External	Internal/Line Lock	Internal/Line Lock
Lens Mount	CS	CS	CS
Operating Temp.	-10° to +50°C	-10° to +50°C	-10° to +50°C
Power Requirement	12Vdc	24Vac 50Hz CCIR/60Hz EIA	220Vac
Power Consumption	<1.5W	<3W	<7W
Weight	300g	500g	600g
Dimensions	110(l) x 48(h) x 55(w)	110(l) x 48(h) x 55(w)	110(l) x 48(h) x 55(w)
Switching Functions	AES (on/off), BLC (on/off), Iris Control (DC/Video)	AES (on/off), BLC (on/off), Sync (Int/LL), Iris Control (DC/Video)	AES(on/off), BLC (on/off), Sync (Int/LL), Iris Control (DC/Video)
Adjustments	BLC, DC Level Iris	BLC, Line Lock phase, DC Level Iris	BLC, Line Lock phase, DC Level Iris



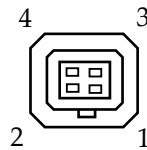
FC-55 II



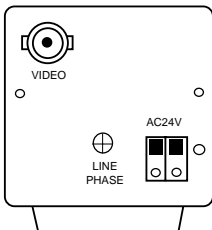
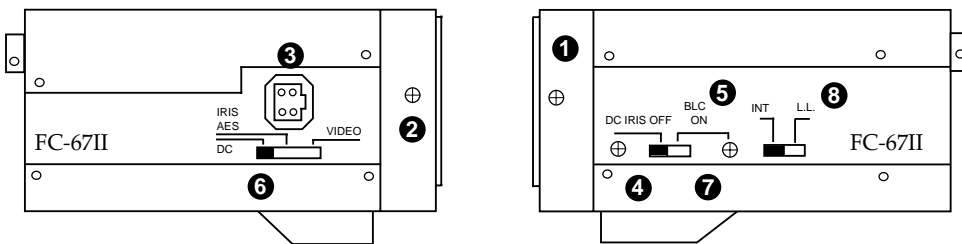
ALL CAMERAS

IRIS

1. CONTROL -/12v+
2. CONTROL+/NC
3. DRIVE +/VIDEO
4. DRIVE -/GND



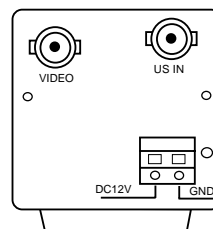
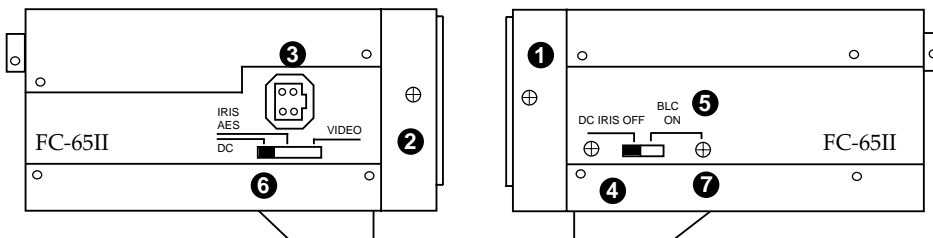
FC-67 II/ FC62C (EIA)



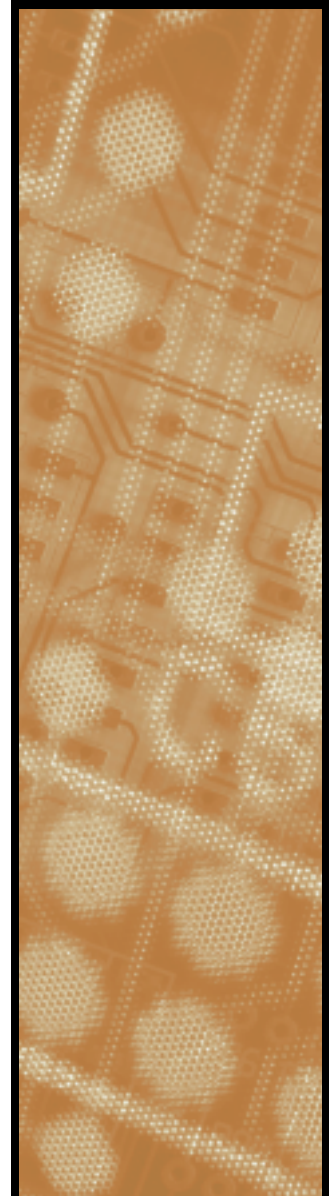
ALL CAMERAS

1. Flange Back Adjustment screw
2. CS Mount Locking Screw
3. Auto Iris Output
4. DC iris Level Adjustment
5. BLC On/Off Switch
6. Lens Type Selection Screw
7. BLC Level Adjustment
8. Sync System Selection Switch (except FC-65II)

FC-65 II



DATA SHEET



Chugai Boyeki (UK) Ltd.,