

# AQ-235W<sup>†</sup>

## 3CCD DIGITAL

Downloaded from: [www.broadcast-trader.com.au](http://www.broadcast-trader.com.au)

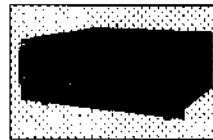
**3CCD FIT Digital Signal Processing Studio Camera**  
**16:9/4:3 Switchable**



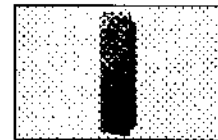
- Switchable 16:9/4:3 aspect ratio
- Three densely-packed 600,000-pixel wide-type multiple-FIT CCD image sensors
- Sharp details and smooth gradation (1,024 steps) achieved by 18-MHz sampling 10-bit digital conversion and 36-MHz 16-bit digital signal processing
- Flesh-detail circuit

- Chroma-detail correction, dark-detail, a 2-dimensional cross colour filter, twin-detail, dynamic-detail, dynamic-colour, variable colour matrix and other advanced digital circuits enhance picture quality.
- Digital processing increases reliability and stability, and simplifies maintenance over analogue cameras
- Digital set-up allows numerical adjustment of parameters, and 16 scene files can be stored in IC card memory
- Sixteen lens files simplify adjustments when changing lenses
- Electronic shutter with speeds of 1/60, 1/100, 1/250, 1/500, 1/1000 and 1/2000 sec., plus variable control between 1/25 to 1/230 sec. (variable)
- Independent-detail for viewfinder
- Linking the camera head and base station with optical-fibre cable provides quality-intact digital signal transmission over long distances

### Optional Accessories for AQ-235W



**AQ-BS210<sup>†</sup>**  
Optical Fibre Base Station



**AQ-RC210**  
Remote Control Operation Panel (R.C.O.P.)

**AQ-MC210<sup>†</sup>**  
Master Control Unit (M.C.U.)

**AQ-CS210**  
Camera Select Unit (C.S.U.)



**AQ-VF71<sup>†</sup>**  
7" Viewfinder for AQ-23W

**AQ-YA215<sup>†</sup>**  
D-5 Serial Component Interface Board for AQ-BS210

**AJ-MA34H**  
Rack-Mount Adaptor for AQ-BS210

**SHL-C50PT3L**  
Optical Fibre Cable  
50 m/LEMO 3K

**SHL-C100PT3L**  
Optical Fibre Cable  
100 m/LEMO 3K

## AQ-235W

Pick-up Device Type:	Multiple Frame Interline Transfer
Picture Element:	2/3" CCD image sensor ( x 3)
Drive Frequency:	600,000 pixels
Processing Frequency:	18.0MHz
Lens Mount:	36.0MHz
Sensitivity:	Hanger mount type
Minimum Illumination:	2,000 lux, 3,200K, F8.0
S/N Ratio:	Approx. 7 lux (at F1.4, +18dB)
Registration:	60dB (typical)
Horizontal Resolution:	Less than 0.05% over entire screen (excluding lens)
Dynamic Range:	700 lines (centre/16:9)
Shutter Speed:	600% (typical/16:8)
Lens File:	1/60; 1/100; 1/250; 1/500; 1/1000; 1/2000 sec. (6-step)
Detail Frequency:	1/25 ~ 1/230 sec. (variable)
Power Requirement:	16 files
Power Consumption:	2.5MHz to 5.5MHz (5-step)
Dimensions (W x H x D):	230V AC ±10%
Weight:	100W (with lens and viewfinder)
Operating Temperature:	200W (with lens, viewfinder and utility Out)
Operating Humidity:	346.5 x 412 x 522 mm
Optical Filter:	22 kg
CC:	-20°C to +45°C
ND:	35% to 80%
	Dual Concentric Filter Wheels
	CROSS 3,200K, 4,300K, 6,300K, 8,000K
	10%, 25%, 6.3%, 1.6%, CAP