



CV-M2251N

Micro Head Color Camera



- Remote head with $\varnothing 17$ and 5m cable
- NTSC: 768 (h) x 494 (v) pixels
- Based on latest Digital Signal Processing (DSP)
- H and V enhancer for sharp detailed image via RS 232C setup
- VBS and Y/C video output
- Positive/negative color reversal
- Shutter speed (1/60) to 1/10,000 second
- Internal/external synchronizing with composite video signal
- On-screen menu for quick camera setup
- Remote setup by RS 232C or remote control unit
- Windows 2000/NT/XP setup software

The leading manufacturer of high performance camera solutions

Specifications for CV-M2251N

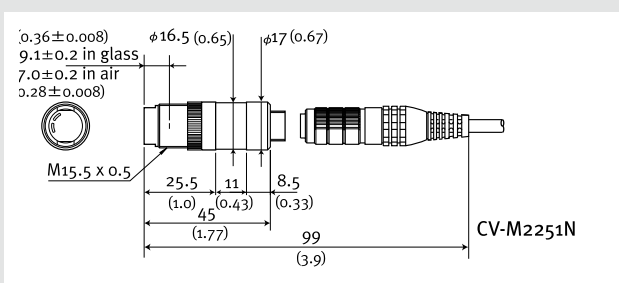
Specifications NTSC

Scanning system Interlaced	525 lines, 30 frames/sec. 2:1 Interlaced
Scanning frequency (h) (v)	15.734 kHz 59.94 Hz
CCD sensor	Color 1/2" Hyper HAD IT CCD
Effective pixels	768 (h) x 494 (v)
Sensing area	6.5 (h) x 4.8 (v) mm
Cell size	8.4 (h) x 9.8 (v) μm
Resolution (horizontal)	>450 TV lines
Sensitivity on sensor	0.25 Lux, Max gain, 50% video
S/N ratio	>48 dB (Min. gain, Gamma 1)
Gamma	0.4, 0.6, 1.0
Gain	Auto, manual or fixed
Gain range	
AGC	-6 to +12 dB
Manual	-6 to +12 dB
Fixed	0 dB
White balance	3200K, 4600K, 5600K, Auto, Manual, One push
Back light compensation	Off, Pattern 1, Pattern 2
Video output	
Composite	VBS 1.0 Vpp, 75 Ohm
Y/C	Y= 0.7 Vpp, 75 Ohm. C= 0.28 Vpp, 75 Ohm
Video reversal Y/C	Positive/Negative
Synchronization	Int. X-tal ext. VS or ext. sync.
Sync. input	Composite 1 Vpp, 75 Ohm
Sync. output	Composite 2 Vpp, 75 Ohm
Shutter	Off, 1/250, 1/500, 1/1000, 1/2000 1/4000, 1/10,000, CCD Iris, Flickerless
CCD Iris	1/50 (1/60) to 1/10,000 sec.
Flickerless	1/100 sec.
Functions with On-screen menu	White balance, Shutter, Gain, Back light compensation, Video reversal
Serial control	RS 232C
Functions with RS 232C	White balance, Shutter, Gain, Back light compensation, Video reversal, Y reversal, C reversal, Enhancer, Gamma, Color gain
Operating temperature	-5°C to +45°C
Humidity	20% to 80% non-condensing
Power	12V DC ±10%. 4.5 W
Dimensions, CCU	40 x 110 x 154 mm (HxWxD)
Weight, CCU	550 g
Dimensions head	See drawing
Lens mount	ø17 mm Special mount M15.5 x 0.5

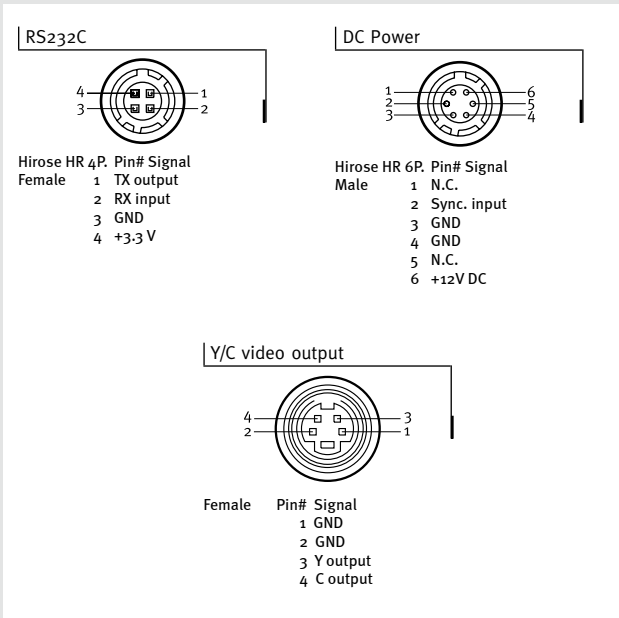
Ordering Information

CV-M2251N 1/2" ø17 mm Detachable Camera Head, 5 m Cable. NTSC
 MP30 Bracket for ø17 mm Camera Head*
 * Must be ordered separately

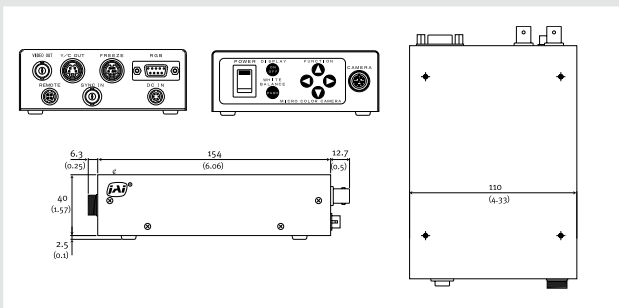
Dimensions Camera Head



Connection Description



Dimensions Camera Control Unit



JAI A-S, Denmark
 Phone +45 4457 8888
 Fax +45 4491 8880
 www.jai.com

JAI Corporation, Japan
 Phone +81 45 440 0154
 Fax +81 45 440 0166
 www.jai-corp.co.jp

JAI Pulnix, Germany
 Phone +49 (0)6055-9379-10
 Fax +49 (0)6055-9379-11
 www.jai.com

JAI PULNiX Inc., USA
 Phone (Toll-Free) +1 800 445 5444
 Phone +1 408 383 0300
 www.jaipulnix.com



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