



HIGH RESOLUTION CCTV CAMERA



- Optimised for Video Smoke Detection
- High resolution, NTSC or PAL, 580TVL, monochrome cameras
- Ideal for use in low light conditions and in conjunction with IR lamps
- Unshielded Twisted Pair (UTP) video output on Ice+ models allows video signals to be transmitted further than coax cable will allow
- Backfocus thumbwheel for optimum picture quality & ease of setup
- Simple to install and configure with a streamlined range of configurable settings
- Accepts C/CS lenses without the need for adapters
- Compatible with all standard auto and manual iris lenses
- Ideal as a high resolution, highly sensitive camera for use with video analytics
- Compatible with Dennard Housings and Accessories

CAMERA FEATURES

	DM/ICE + B2XHT
Sensor	1/2" Sony EXview HAD CCD™
Video Processing	DSP
Effective Pixels	752 (H) x 582 (V)
Sensitivity	0.03 lux; for usable picture (40% video) with AGC on; lens at F1.2
Resolution	580 TVL
Video Output	IV p-p composite via 75Ω BNC / Active Twisted Pair
Signal to Noise Ratio	Better than 50dB
AGC	On / Off, max <28dB
Electronic Iris	1/50s~1/100,000s; On/ Off
Backlight Compensation	On/Off, centre weighted, 7 user selectable windows
Gamma Correction	0.45/1.0
Synchronisation System	Internal or Line lock (± 120° adjustment)

ADVANCED FEATURES

Digital Record Mode -
to reduce bandwidth or storage requirements

Pk White Inversion Threshold Pot

Sharpness On/Off

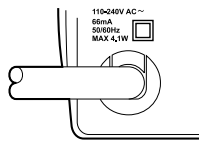
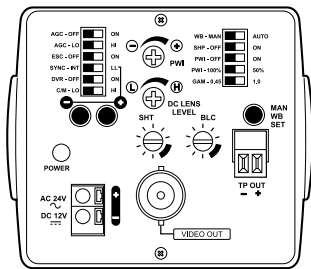
Shutter speed selection





Specification

DM/ICE + B2XHT	
Lens Options	
Lens Mount and Focus	'C' or 'CS' mount, thumbwheel adjustment
Auto Iris Lens	DC and Video via 4 pin socket
Direct Drive (DC iris)	4-pin square type socket on the side of the camera. DC level is user defined via a potentiometer located on the rear of the camera
Power Supply	
Low Voltage Source / L version	AC: 24V ±15% @ 50Hz DC: 12V -10% +15%
Mains Source / M version	98~260V AC 50Hz
Consumption	Less than 4.2W including 50mA DC lens
Input Connector	/L: 2-way terminal connector on rear panel /M: 2m twin conductor mains cord (Class 2 product)
Mechanical	
Camera Mount	1/4" 20 UNC top and bottom
Dimensions (mm)	131 (L) x 63 (H) x 62 (W)
Weight	/L: 0.4kg, shipping weight 0.53kg /M: 0.52kg, shipping weight 0.62kg
Material	Cast zinc lens mount; zintec case; V0 ABS trim
Environmental	
Operating Temperature	-10 to +50°C (14 to 122°F)
Operating Humidity	20% to 80% relative humidity, non condensing
Storage Temperature	-10 to +70°C (14 to 158°F)
Storage Humidity	20% to 90% relative humidity, non condensing
Accessories	
Optional Power Adaptor	VS-PSU15W-EXT available 100-240 Vac input, 12vdc 1.25A out
Mains Lead	WM-6A-UK/IEC (UK) or WM-6A-EC/IEC (Europe) or WM-6A-US/IEC (USA)



DM/ICE+B2XHT/M

Camera Models

DM/ICE+B2XHT/M	Mains Voltage, PAL
DM/ICE+B2XHT/L	Low Voltage, PAL
DM/ICE+B2XHT/M/N	Mains Voltage, NTSC
DM/ICE+B2XHT/L/N	Low Voltage, NTSC

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