

DEDICATED MICROS

ice



DM/ICE-DN3U / DM/ICE+DN3XUT 1/3" DAY/NIGHT CAMERAS

- True Day/Night for sensitivity to IR light at night and true colour rendition in daylight
- Unshielded Twisted Pair (UTP) video output on Ice+ models allows video signals to be transmitted further than coax cable will allow
- High Resolution 580 lines
- Backfocus thumbwheel for optimum picture quality & ease of setup
- High picture quality due to tailored digital signal processing settings and professional quality optical filters
- 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
- Protection against lightning strikes/spikes on power and coax lines
- Diecast zintec casing and cast zinc lens mount for superior build quality
- Compatible with Dennard Housings and Accessories



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CAMERA FEATURES

FEATURES	DM/ICE-DN3U	DM/ICE+DN3XUT
Sensor	1/3" Sony Super HAD CCD™	1/3" Sony EXview HAD™ CCD
Video Processing	DSP	
Effective Pixels	752 (H) x 582 (V)	
Sensitivity	0.7/ 0.1 lux; for usable picture (40% video) with AGC on; lens at F1.2	0.4/0.1 lux; for usable picture (40% video) with AGC on; lens at F1.2
Resolution	Ultra high resolution 540 TVL	
Video Output	IV p-p composite video via 75Ω BNC connector	<ul style="list-style-type: none"> • IV p-p composite video via 75Ω BNC connector • Unshielded Twisted Pair (UTP) video output
Signal to Noise Ratio	Better than 50dB	
Auto White Balance	2,500K ~ 9,500K	2,500K ~ 9,500K / Manual
AGC	On / Off, max <28dB	On/Off, Low/High, max < 28dB
Electronic Iris	1/50s~1/100,000s; On/ Off	1/50s~1/100,000s; On / Off
Backlight Compensation	On/Off	On/Off, centre weighted, 7 user selectable windows
Gamma Correction	0.45	0.45/1.0
Synchronisation System	Internal or Line lock (±180° adjustment)	
Additional Features	<ul style="list-style-type: none"> • User selectable day/night threshold settingΣ • External D/N Contact 	<ul style="list-style-type: none"> • Day/ Night High/ Low - user selectable day/night threshold setting • External D/N contact • Sharpness On/ Off • Digital Record Mode - to reduce bandwidth or storage requirements • Pk White Inversion • Pk White Inversion Threshold Pot • Manual white balance (push set) • Unshielded Twisted Pair (UTP) video output option • Rotary BCD Shutter

DM/ICE-DN3U / DM/ICE+DN3XUT

SPECIFICATIONS

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

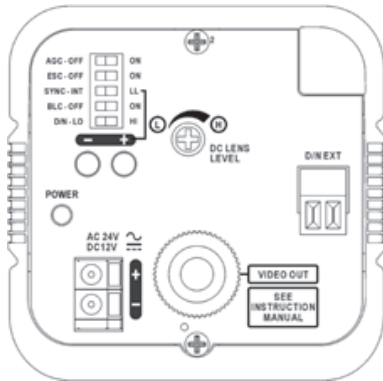
Power Supply	
Low Voltage Source / L version	AC: 24V \pm 15% @50Hz DC: 12V -10% +15%
Mains Source / M version	98~260V AC 50Hz
Consumption	Less than 4.2W including 50mA DC lens
Input Connector	/L: 2-way terminal connector on rear panel /M: 2m twin conductor mains cord (Class 2 product)
Power Indicator	Blue LED on rear panel

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

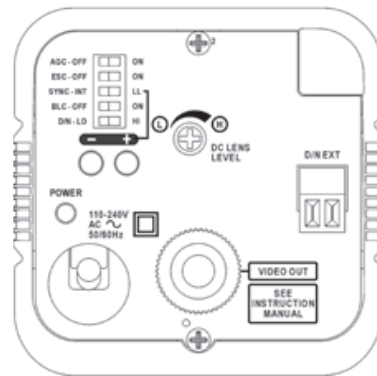
Environmental	
Operating Temperature	-10 to +50°C (14 to 122°F)
Operating Humidity	20% to 80% relative humidity, non condensing
Storage Temperature	-10 to +70°C (14 to 158°F)
Storage Humidity	20% to 90% relative humidity, non condensing

1/3" Day / Night Cameras	
DM/ICE-D	1/3" Ultra Resolution Day/Night, 540 TVL, 0.7 lux (Colour), 0.1 LUX (Mono), C/CS , AI/DD/EI, 98-260V, 131x63x62mm
DM/ICE-DN3U/L	1/3" Ultra Resolution Day/Night, 540 TVL, 0.7 lux (Colour), 0.1 LUX (Mono), C/CS , AI/DD/EI, 12/24V, 131x63x62mm
DM/ICE-DN3XUT/M	1/3" Ultra Resolution Day/Night, 540 TVL, 0.4 lux (Colour), 0.1 LUX (Mono), C/CS , AI/DD/EI, Peak White Inversion, 98-260V, 131x63x62mm
DM/ICE-DN3XUT/L	1/3" Ultra Resolution Day/Night, 540 TVL, 0.4 lux (Colour), 0.1 LUX (Mono), C/CS , AI/DD/EI, Peak White Inversion, 12/24V, 131x63x62mm

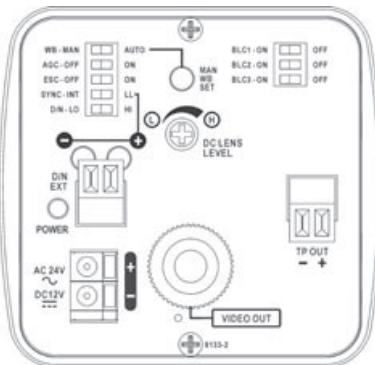
ICE-DN3U / ICE+ DN3XUT



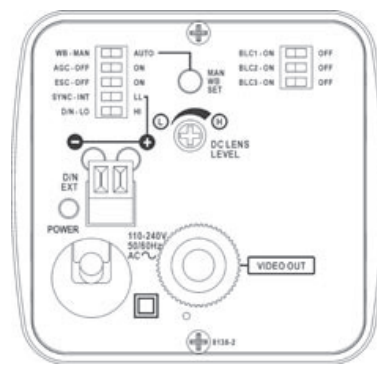
DM/ICE-DN3U/L



DM/ICE+ DN3U/M



DM/ICE-DN3XUT/L



DM/ICE-DN3XUT/M

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