

DN83 Series

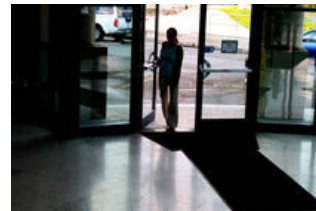
Pixim Ultra High Resolution Day/Night WDR Bodied Cameras



DN83SPX/12



DN83TSPX
DN83TSPX/240



CCD



PIXIM

KEY FEATURES

- 1/3" PIXIM Seawolf CMOS Sensor
- Ultra High Resolution, 690 HTVL
- Vertical Resolution, 460+ VTVL
- Digital Day/Night (DN83SPX)
- Mechanical IR Cut-Filter (DN83TSPX)
- 3D Motion Adaptive Digital Noise Reduction
- Wide Dynamic Range (WDR)
- OSD Menu
- Selectable Gain Control
- Selectable White Balance
- Selectable Back Light Compensation
- Privacy Masking (12 Zones)
- Motion Detection
- Built In UTP (TDN Model)
- RS-485 Communication (TDN Model)
- DC 12V (DDN Model)
- Dual Voltage (TDN Model)
- Lens not Included

ORDERING INFORMATION

DN83SPX/12 DDN Pixim Bodied Camera, 690 HTVL

DN83TSPX TDN Pixim Bodied Camera, 690 HTVL

DN83TSPX/240 TDN Pixim Bodied Camera, AC230V

TECHNICAL DATA SHEET

TECHNICAL SPECIFICATION

Model Number	DN83SPX/12	DN83TSPX	DN83TSPX/240
Image Sensor	1/3" PIXIM Seawolf CMOS Sensor		
Horizontal Resolution	690 HTVL (Col), 800 HTVL (Mono)		
Vertical Resolution	460+ VTVL		
Signal Processing	17-bit Digital Signal Processing		
Transfer Format	Progressive With Segmented Frames		
Sensitivity (F1.2)	0.1 Lux (Col), 0.001 Lux (Mono)		
Digital Zoom	4x Zoom		
Effective Pixels (H x V)	758 x 540		
Electronic Shutter Speed	1/50 ~ 1/100,000 Sec		
Scanning System	2:1 Interlace		
S/N Ratio	>50dB		
Synchronisation	INT/LL Selectable		
Frequency	Horizontal: 15.625KHz Vertical: 50.00Hz		
Video Output	1.0Vp-p~75Ω		
Day / Night	COLOUR / AUTO / BW	AUTO / COLOUR / BW / EXTERN (ICR)	
3D-DNR	OFF / LOW / MIDDLE / HIGH		
Sens-Up	AUTO / OFF (Selectable Limit x2 ~ x32)		
WDR	LOW / NORMAL / MIDDLE / HIGH (Max 120db)		
OSD	YES, BUILT-IN		
Gain Control	AUTO / HIGH / LOW / OFF SELECTABLE		
White Balance	ATW / AWB / INDOOR / OUTDOOR / MANUAL		
Back Light Compensation	BLC / OFF SELECTABLE		
Privacy Masking	ON/OFF (12 Programmable Zones)		
Motion Detection	ON/OFF (4 Zones)		
Flip	HORIZONTAL / VERTICAL		
UTP	NO	YES	
Communication	N/A	RS-485	
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 95% RH		
Power Supply	DC 12V	DC 12V / AC 24V	AC230V
Power Consumption	160mA	490mA / 350mA	Max 4.5W
Dimensions (W x H x D)	63.7 x 64 x 87.4 mm	70.2 x 68.1 x 100.5 mm	
Weight	350g	270g	400g

Features and specifications are subject to change for further improvement without any notice

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