

# DN83TSPXM

Pixim Ultra High Resolution True Day/Night  
Box Camera



DN83TSPXM

## Key Features

- 1/3" PIXIM Seawolf CMOS Sensor
- Ultra High Resolution, 690 TVL
- Mechanical IR Cut-Filter
- 3D Motion Adaptive Digital Noise Reduction
- Wide Dynamic Range (WDR)
- OSD Menu
- Selectable Gain Control
- Selectable White Balance
- Highlight Function
- Privacy Masking (12 Zones)
- Motion Detection
- Built In UTP
- RS-485 Communication
- AC230V

DATASHEET

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## Technical Specification

Model Number	DN83TSPXM
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	AUTO / COLOUR / B&W / 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	YES
Communication	RS-485
Operating Conditions	Temperature : -10°C ~ +50°C Humidity : 95% RH
Power Supply	AC230V
Power Consumption	Max 4.5W
Dimensions (W x H x D)	70.2 x 68.1 x 100.5 mm
Weight	400g

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

## Accessories

- CWB-130 - Adjustable Bracket for Box Camera, M6 Screw Fixing, Ivory
- CWB-130S - Adjustable Bracket for Box Camera, M6 Screw Fixing, Silver
- BR-01S - Fully Cable Managed Box Camera Bracket, M6 Screw Fixing, Silver
- BR02W - Cable Managed Metal Wall Mount Camera Bracket, White
- FILTERKIT4 - Filter Set Up Kit

\* Please see the Lens Section for Suitable Lenses