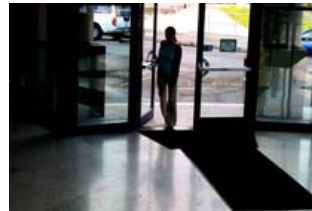


DSFI20PX

Ultra High Resolution True Day/Night WDR Mini Dome Camera



Powered by
PIXIM[®]
SEAWOLF



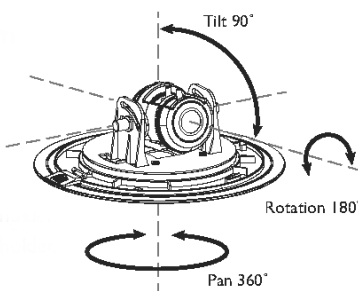
CCD



PIXIM

KEY FEATURES

- 1/3" PIXIM Seawolf CMOS Sensor
- Ultra High Resolution, 690 HTVL
- Vertical Resolution, 460+ VTVL
- Mechanical IR Cut-Filter
- 3D Motion Adaptive Digital Noise Reduction
- Wide Dynamic Range (WDR)
- 3.3-12mm DC AIVF Lens
- O.S.D. Menu
- Selectable Gain Control
- Selectable White Balance
- Highlight Function
- Privacy Masking (12 Zones)
- Motion Detection
- 3-Axis Gimbal
- Dual Voltage



Allows the dome camera to be installed on the wall, ceiling or on a slope

ORDERING INFORMATION

DSFI20PX True Day/Night Internal Slim Dome with Pixim WDR DPS

Pixim provides a number of technical improvements in picture quality for viewing areas of extreme dynamic lighting conditions. The Pixim technology overcomes over exposure problems against strong back-light situations. As each pixel acts as a camera, the picture taken by one pixel does not affect the picture quality captured by other pixels. Based on this technology, the camera delivers a very high quality, high resolution and very accurate picture. Facial & object recognition in a variety of light conditions such as doorways, windows, shadows, high-contrast environment and outdoors with strong light reflections are easily achievable with the Pixim powered cameras

TECHNICAL DATA SHEET

TECHNICAL SPECIFICATION

Model Number	DSFI 20PX
Image Sensor	1/3" PIXIM Seawolf CMOS Sensor
Horizontal Resolution (Effective)	690 HTVL (Colour), 800 HTVL (Mono)
Vertical Resolution	460+ VTVL
Signal Processing	17-bit Digital Signal Processing
Transfer Format	Progressive with Segmented Frames
Lens	3.3-12mm DC AI Varifocal Lens, (F1.4)
Angle of View	H: 100.8° (Wide) `28.5° (Tele) V: 73.7° (Wide)~21.4° (Tele)
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
O.S.D.	YES, BUILT-IN
Gain Control	OFF / LOW / MIDDLE / HIGH
White Balance	ATW / AWB / INDOOR / OUTDOOR / MANUAL
3D-DNR	OFF / LOW / MIDDLE / HIGH
Sens-Up	OFF (Selectable X2 ~ X32)
WDR	LOW / MIDDLE / HIGH / USER
Privacy Masking	ON / OFF (12 Programmable Zones)
Motion Detection	ON / OFF
Flip	HORIZONTAL / VERTICAL
UTP	NO
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 95% RH
Power Supply	DC 12V / AC 24V
Power Consumption	300mA (DC 12V), 150mA (AC 24V)
Dimensions (D x H)	180 x 81 mm
Weight	500g

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