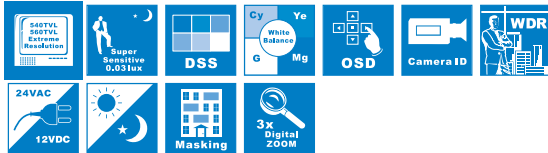


Product Information

VDS120D15-VFA powered by Pixim's Ultra Wide Dynamic pixel system provides a number of technical improvements in picture quality for viewing areas of extreme light conditions.

The technical breakthrough, in particular, shows a great challenge to overcome an over-exposure problem against strong back-light situations. As each pixel acts as a camera, a picture taken by a pixel does not affect a picture quality taken by other pixels hence all pictures taken from the whole pixels are absolutely clear in all lighting conditions. Based on this technology, VDS120D15-VFA delivers a very high quality, high resolution and very accurate & detailed color recognition in a variety of light conditions.

VDS120D15-VFA is an Ultra-Slim dome camera containing a lot of user-friendly mechanisms and configurations. It incorporates a perfect and tool-free 3-Axis mount with which the camera can be installed on the wall, on the ceiling or on the slope with no limitation.



Key Features

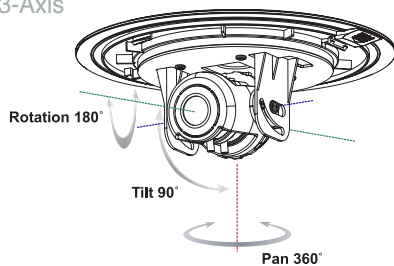
- 1/3" Pixim WDR digital imaging device
- Easy to use OSD function(RS-485 remote control)
- True Day & Night(ICR)
- High Resolution of 540TVL(Day) / 560TVL(Night)
- Enhanced low light performance up to 0.03 Lux / F1.3(DSS On)
- 12VDC/24VAC Dual power(Non-Polarity)
- Camera ID
- Digital Slow Shutter(DSS)
- Privacy masking

No "camera blindness"



Ultra wide dynamic technology used for this camera eliminates the vertical smear, pixel blooming, and other image artifacts commonly encountered in high-contrast scenes.

Perfect 3-Axis



MODEL	VDS120D15-VFA
Image sensor	1/3" WDR digital imaging device
Signal Processing	17-bit Digital Signal Processing (max.)
Dynamic range	101dB typical / 120dB max.
Video capture	Progressive Scan 50fps / 60fps
Sync system	Internal / Line-Look
Transfer format	PsF (Pogressive with Segmented Frames)
Effective Pixels	720(H) X 540(V) pixel
H.Resolution	540TVL(Day) / 560TVL(Night)
Sync system	Internal(12VDC), Line Lock (24VAC)
Video output	1.0 to 1.2 Vp-p composite 75(NTSC/PAL Compatible)
S/N ratio	More than 48dB (AGC Off)
Min. illumination	0.3 Lux / F1.4, 0.01Lux(DSS On)
Operating current	200mA at 12VDC, 110mA at 24VAC
Lens	3.3~12mm Varitocal DC Iris / F1.3
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)
Humidity	Within 90% RH
Output Terminal	2P(BNC-Video), 2P(T-Block-PWR), 2P(L/W-RS485)
Power source	12VDC / (9~20VDC) / 24VAC (10~30VAC)Dual power
Measurement	180(Ø) X 81(H)
Weight (Approx.g)	950

OSD Menu (Remote-Control via RS485)	
WDR	Auto / Off / Low / Middle / High
White Balance	ATW / AWC Manual selectable 2,000°K ~ 11,000°K Auto
Gain Control	Off, Low, Middle, High
Gamma correction	Auto / Manual
Back Light Compensation	Off / On, adjustable Backlight Zone
AGC	Off, Low, Middle, High
Digital slow shutter	Off / 2x / 4x / 6x / 8x / 16x / 32x
Privacy Masking	On / Off (6 Programmable zones)
Reversal	NOR / MIR / VER / FLIP
Day / Night	Auto / Color / BW
Protocol	Pelco-D

Dimension

