



### [Features]

- 4X Vari-focal Dome
- Day /Night , vandal-resistant camera
- 560 TV Lines
- IP67
- 12 VDC/24 AC

### [Application & Benefits]

Inspired by the latest in IP technology and solutions, the i3 International development team continuously aspires to go beyond customer satisfaction and have designed the i3F417U colour camera.

This camera includes a 3.7 ~ 12mm, F1.4 vari-focal lens and 560 TVL of resolution which produces astonishing detail and impeccable color reproduction. The i3F417U incorporates 1/3 SONY Super-HAD IT CCD Chip technology. The i3F417U indoor/outdoor camera is an example of i3 International's commitment to value and durability making it the perfect security solution.

Designed for modern simplicity, the i3F417U is equipped with the latest technology that meets today's need. The i3F417U is a 12 VDC/24 AC. Video produces a much more distinct image as signal-to-noise (S/N) ratio is dramatically reduced with higher sensitivity; due to an increased lux sensitivity, the i3F417U offers higher resolution images, superior image quality, and a clearer video recording in low light conditions. I3F417U is vandal resistant and IP67 (water proof) for glass assembly.

The i3F417U is a great solution when thinking of IP technology! It's UTP ready, and accepts both CAT-5 and RG-59.

i3 International produces a range of camera products specifically designed to perform best in retail, commercial and industrial environments. From our standard color digital fixed models with day/night capability to full 3-axis pan/tilt/zoom performance, our cameras offer tremendous value for the best in security and loss prevention. To learn more about our selection of cameras and features, we welcome you to visit our website at [www.i3international.com](http://www.i3international.com).



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# i3F417U Vandal Resistant Camera Specifications

Camera	
Signal System	NTSC, PAL
Scanning System	2:1 Interlace V: 59.94Hz, H: 15.734 KHz (NTSC) or 2:1 Interlace V: 50Hz, H: 15.625 KHz (PAL)
Sync System	Internal
View Angle	Horizontal 76.92°(wide) ~ 22.73°(tele), Vertical 56.89°(wide) ~ 17.07°(tele)
Day & Night (IICR)	Easy D/N ; Auto
Imaging Area	4.9mm x 3.7mm
Image Sensor	1/3" Sony CCD
Horizontal Resolution	560 TV lines
Built-in lens:	f=3.7 ~ 12mm, F1.4 DC Iris vari-focal D/N Lens
IRIS Control	DC Iris Driver
Effective Pixels No	NTSC:768 x 494 PAL:752 x 582
Min. Illumination	0.7 lux (AGC ON)@50 IRE ; 0.01Lux (AGC ON)@10 IRE 0 Lux (IR LED Turn ON)
AGC, BLC, Flickerless	On / Off
AGC	On / Off
BLC	On / Off
Flickerless	On / Off
Twisted Pair output	Yes
White Balance	Auto(2500°K ~ 9500°K)
S/N Ratio	More than 50dB (AGC off)
Video Output	1Vpp composite output, 75 ohm
Gamma correction	0.45
Environment	
Weight	1150g (2.54 lb) approx.
Operating Temperature	-40° ~ 50° C (40° ~ 122° F)
Storage Temperature	-20°C ~ 60°C (-4° ~ 140° F)
Humidity	30% ~ 90% RH
Dimensions	150mm x 132mm (5.91" x 5.20")
Vandal Resistant	Up to 1000 kg (2,204.62 lb) impact resistance
Water proof	IP67
Electrical	
Monitor Output	1Vpp composite output, 75 ohm
Power Requirement	12 VDC/24 VAC +/-10% 12 VDC/24 VAC ±10%
Power Consumption	4.5W (max.)
Electric Shutter	1/60 sec.(NTSC)or 1/50 sec.(PAL)
UTP	Yes; 300m (985 ft.)
Certifications	
Safety Standard	FCC, CE
Warranty	
Product Warranty	3 year