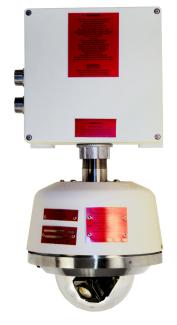
# Class I Division 2 Pan/Tilt/Zoom IP-Camera APTZ-3142-22



#### High-performance, outdoor camera for hazardous environments

The APTZ-3142-22 is a quality, highresolution, color, 36x zoom video camera with outstanding low-light performance. The pan, tilt, and zoom functions can be controlled automatically and precisely from anywhere using the click-to-point and preset view features of IVC camera management software. This PTZ camera is a high-performance low-light camera that automatically switches to black and white and removes an IR cut filter to increase sensitivity in low light conditions.

The camera is housed in a heavyduty, stainless steel weatherproof dome suitable for hostile environments. The enclosure is sealed and pressurized with dry nitrogen and certified for Class I Division 2, groups A through D, T4. It includes an automatic heater and blower. The complete assembly is rated NEMA Type 4x.

The camera is ready for mounting and requires only power and an RJ-45 network connection. Fiber connection options are available. Camera power supply and electronics are housed in an enclosure that is certified Class I Division 2 and constructed of fiberglass, suitable for wall mounting.



- Nonincendive, non-sparking outdoor PTZ camera
- Day/night switching; IR sensitive
- 36x zoom
- Multiple streams, MJPEG, H.264
- Suitable for hazardous environments
- IP ready

## ▶ specifications

	-			
Imager	1/4" Sony ExView CCD			
Shutter	1 to 1/10,000 seconds			
Minimum Illumination	0.7 Lux (Color); 0.01 Lux (B/W)			
Exposure	Auto			
White Balance	Auto			
Iris	Auto			
Focus	Auto and Manual			
View Angle	1.7° - 57.8°			
Focal Length	3.4 - 122.4 mm			
F-number	1.6 to 4.5			
Zoom Ratio	36x Optical; 4x Digital; 144x Total			
Pan Angle	360°			
Pan Speed	360° per second			
Tilt Angle	-90° to 0° (113° view range)			
Tilt Speed	360° per second			
Ethernet	100Base-TX/10BaseT (RJ-45), 100Mb or 1 GbFiber (see below)			
I/O Terminals	1 Input, 1 Output			
Resolution	704 x 480 and 352 x 240 pixels			
Compression	MJPEG, MPEG-4, H.264			
Frame Rate	30 FPS			
Protocols	TCP/IP, HTTP, FTP, SMTP			
Weight	22 lbs.			
Voltage Required	110-120 VAC, or 220-240 VAC			
Power Consumption	120 W			
Operating Temperature	-29° to 50° C			
Dimensions	21.625" H x 10" W x 11.5" D			
Mount	Wall Mount Standard			
Rating	Class I Division 2, Groups A-D, T4 NEMA4x			

## ► IVC camera management software

Point & click camera management & control

Robust, enterprise class software to manage and control your cameras and video from anywhere in the world.





#### 330 Nevada St., Newton, MA 02460 www.ivcco.com 617-467-3059

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## ▶ features



Class I Division 2, Groups A-D NEMA 4x rated enclosure

30 frames per second for smooth video

H.264 encoding transfers high quality video at a lower frame rate for seamless motion

High speed pan/tilt provides 360 degree rotation in under 1 second

### accessories

ACC-402 ACC-402-01 MB-101

Pressurized fill kit Fill kit with nitrogen Pole mount kit

## ordering information

APTZ-3142-22-Fn-YZ-V

11-14	<u> </u>									
			-V	Voltage Required						
				115	110-120 VAC					
				230	0 VAC					
		-Y	-Z	SFP Option *Y = 0 for F18 option			Distance	Available for		
		0	0	None				F1 - F4		
		1	1	MM Gigabit fiber SF (SX/LC), 850 nm			550 m	F17, F18*		
		2	2	MM Gigabit fiber SFP (SX/LC), 1310 nm			2 km	F17, F18*		
		3	3	SM Gigabit fiber SFP (LX), 1310 nm			10 km	F17, F18*		
		4	4	SM Gigabit fiber SFP (LX), 1310 nm			25 km	F17, F18*		
		5	5	SM Gigabit fiber SFP (ZX), 1550 nm			40 km	F17, F18*		
		6	6	SM Gigabit fiber SFP (ZX), 1550 nm			70 km	F17, F18*		
		7	7	MM 100 Mb fiber SFF (LC), 1310 nm			2 km	F17		
		8	8	SM 100 Mb fiber SFP (LC), 1310 nm			20 km	F17		
		9	9	SM 100 Mb fiber SFP (LC), 1310 nm			40 km	F17		
	Connection Op						tions			
-	-Fn	Mod	е	Connecto	or Type	Bi	t Rate	Distance		
	F0	Copper		RJ-45		100 Mb		100m		
	F1	MM		ST, 1310 r	ım	100 Mb		2 Km		
	F2	MM		ST, 1310 r	nm 10		0 Mb	2 Km		
	F3	SM		ST, 1310 r	ım	100 Mb		20 Km		
	F4	SM		ST, 1310 r			0 Mb	20 Km		
	F17	SM/MM		2 open SFP ports		100Mb/1Gb		varies		
	F18	SM/	MM	1 open SFP port		1Gb		varies		

