

APTZ-3142-21

Class I Division 2 Pan/Tilt/Zoom IP-Camera

- Cost-effective, nonincendive, non-sparking outdoor PTZ camera
- 18X zoom
- Day/Night switching; IR sensitive
- Suitable for hazardous environment
- IP ready



The APTZ-3142-21 is a quality, high-resolution, color, 18x 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 the IVC Relay Server 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 heavy-duty 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.

DISTRIBUTED BY:

Spectrum Instruments Ltd
44 Forest Drive
Brighton, On Canada
K0K 1H0
1-613-439-8767
info@spectrum-instruments.com



The Industrial Video Solutions Leader

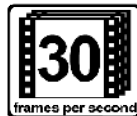
Visit www.ivcco.com for more product information

IVC APTZ-3142-21

Imager	1/4" Sony ExView CCD
Shutter	1 to 1/10,000 seconds
Min. Illum.	0.7 Lux (Color); 0.01 Lux (B/W)
Exposure	Auto
White Balance	Auto
Iris	Auto
Focus	Auto and Manual
View Angle	2.8° - 48°
Focal Length	4.1 - 73.8 mm
F-number	1.4
Zoom ratio	18x Optical; 4x Digital; 72x 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 Inputs, 1 Outputs
Resolution	704 x 480 and 352 x 240 pixels
Compression	M-JPEG, MPEG-4, H.264
Frame Rate	30 FPS
Protocols	TCP/IP, HTTP, FTP, SMTP
Weight	21.5 lbs.
Voltage Req.	110-120 VAC, or 220-240 VAC
Power Cons.	120 W
Oper. Temp	-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 NEMA Type 4x



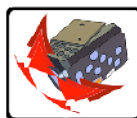
Class I Division 2, Groups A-D
NEMA 4x rated Enclosure



30 Frames Per Second for smooth video



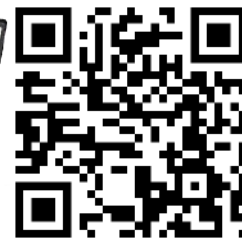
H.264 Encoding transfers high quality video at a lower frame rate for seamless motion



High Speed Pan/Tilt provides 360 degree rotation in under 1 second

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.

APTZ-3142-21-Fn-V

V	Voltage Required
110	110-120 VAC
220	220-240 VAC

Fiber Connection Options				
-Fn	Mode	Connector Type	Bit Rate	Distance
F1	MM	ST	100Mb	2 Km
F2	MM	SC	100Mb	2 Km
F3	SM	ST	100Mb	20 Km
F4	SM	SC	100Mb	20 Km
F5	MM	RJ	100Mb	2 Km
F6	MM	LC	100Mb	2 Km
F7	SM	SCL	100Mb	40 Km
F8	SM	LC	100Mb	15 Km
F9	SM	LCL	100Mb	40 Km
F10	MM	SX/SC	1Gb	550 m
F11	MM	SX/SC Ext.	1Gb	2 Km
F12	SM	LX/LC	1Gb	10 Km
F13	SM	LX/LC	1Gb	25 Km
F14	SM	ZX/LC	1Gb	40 Km
F15	SM	ZX/LC	1Gb	70 Km

Accessories:

MB-101 Pole Mount Kit



330 Nevada Street
Newton, MA 02460
ph: 617-467-3059
fax: 617-687-0751
email: sales@ivcco.com