



SIX REASONS TO BUY VIVOTEK'S PROFESSIONAL MEGAPIXEL CAMERA IP7161

2MP Day & Night Fixed Network Camera



IP7161

1. High Definition 2-Megapixel Resolution
2. Low Bandwidth & CPU Loading Requirements
3. True Day & Night
4. Easy Installation and Usage
5. Unique Specifications
6. High C/P Value

1. High Definition 2-Megapixel Resolution

- Wide Coverage
- Exceptional Detail

Wide Coverage



6 x VGA Cameras

1 x 2MP Camera

Exceptional Detail



VGA

1.3MP

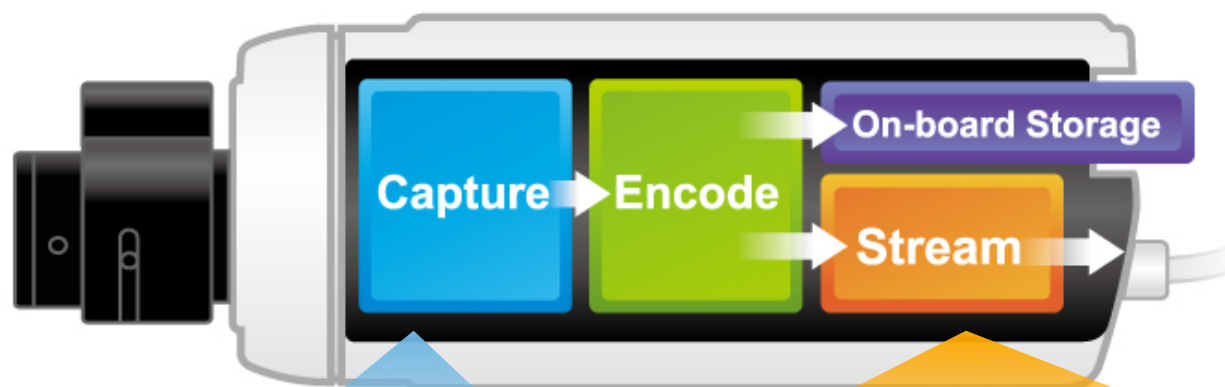
2MP

2. Low Bandwidth & CPU Loading Requirements

- ePTZ
- Multiple Streams
- Activity Adaptive Streaming
- Built-in SD/SDHC Card Slot

True MEGAPIXEL Solutions

-- For more efficient bandwidth usage and CPU management.

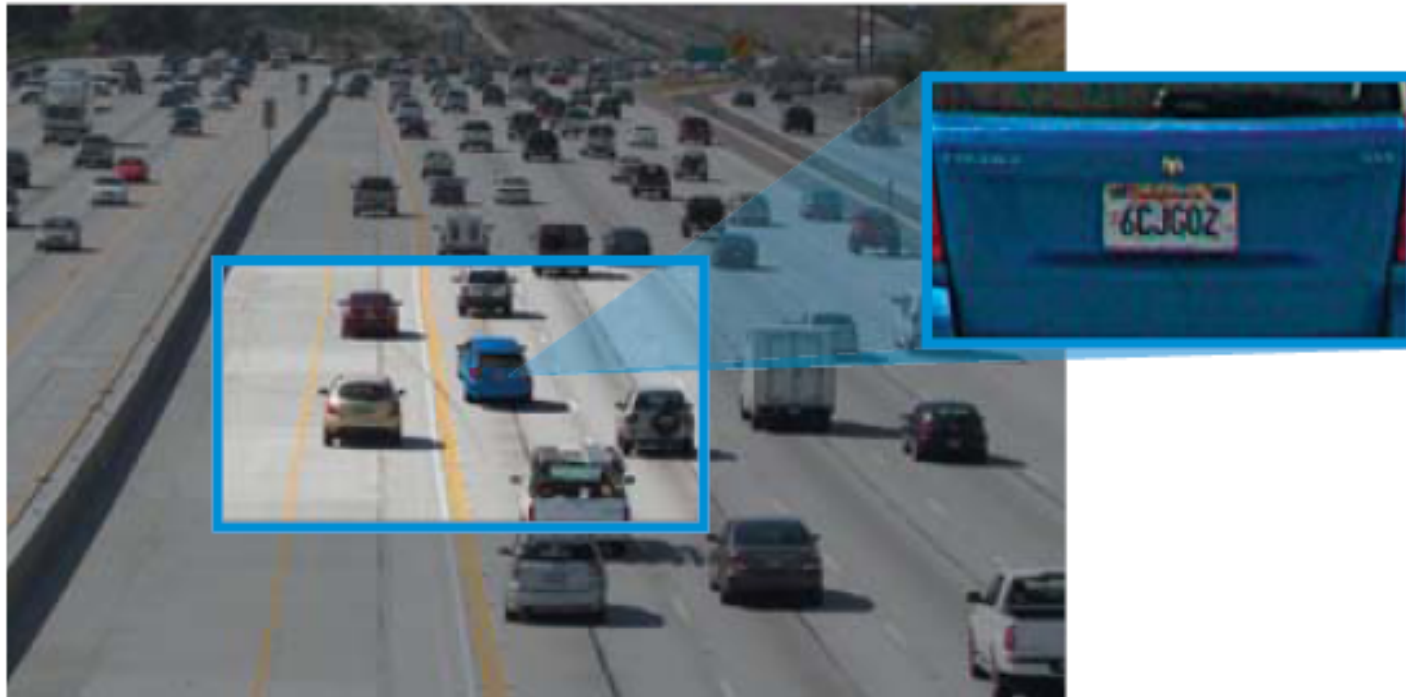


ePTZ

Multiple streams
Activity adaptive streaming

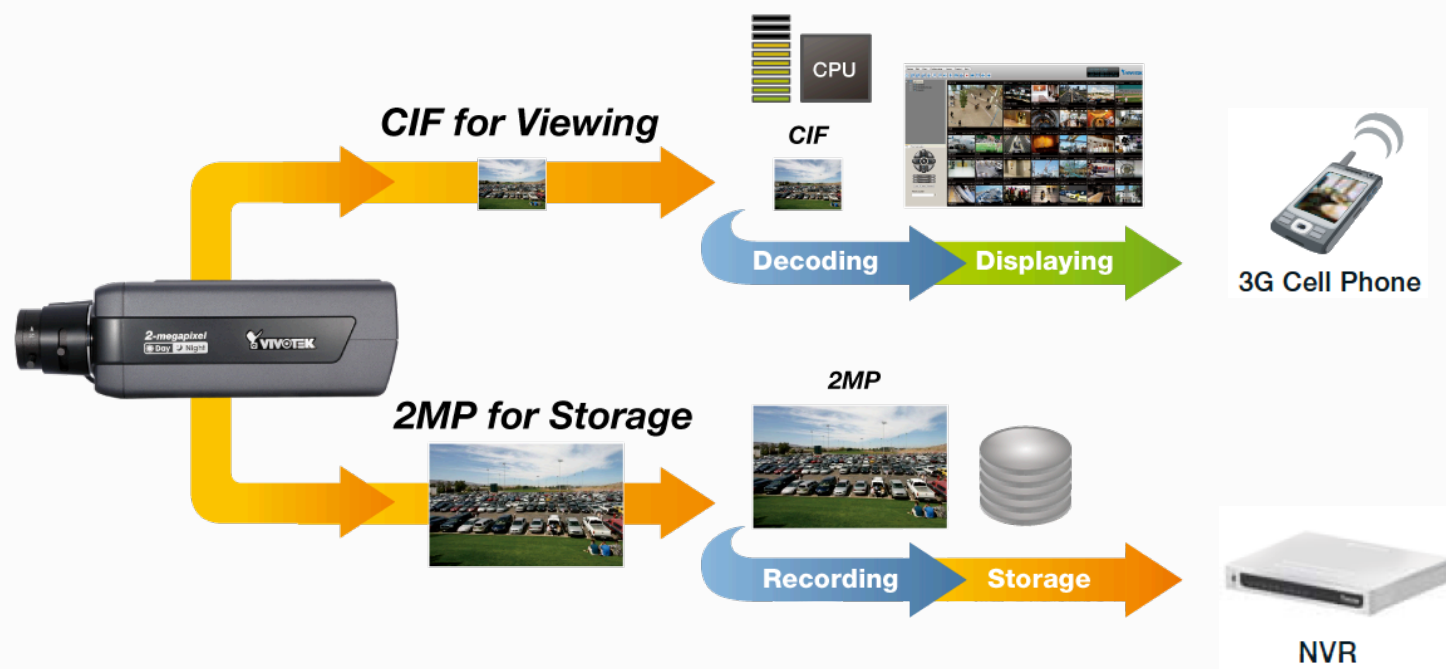
ePTZ for Data Efficiency

*Instant, one-click pan/tilt/zoom in the full 2MP viewing window;
simply transmit the image of the target region.*



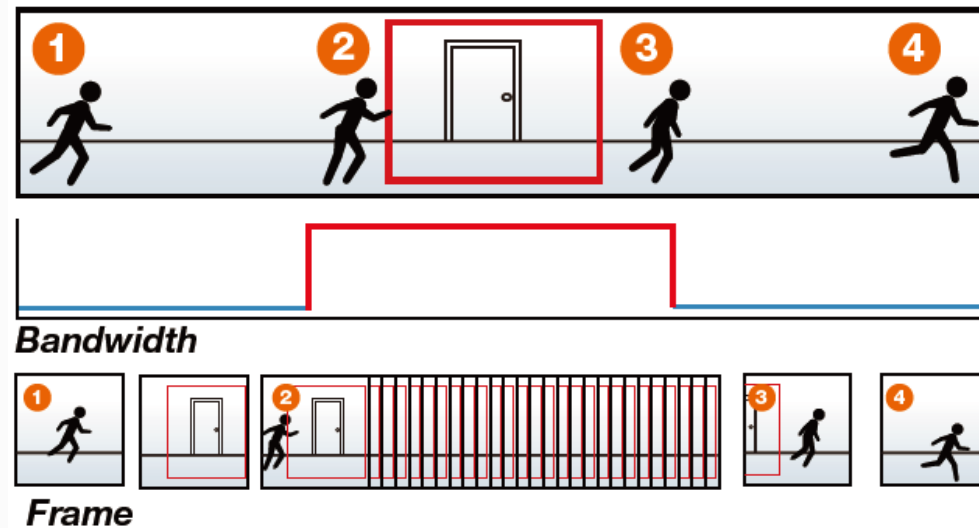
Multiple Streams

*Simultaneously delivers **multiple streams** with different resolutions, frame rates, and video qualities; flexibly views small images and stores large images simultaneously on different platforms.*



Activity Adaptive Streaming for Dynamic Frame Control

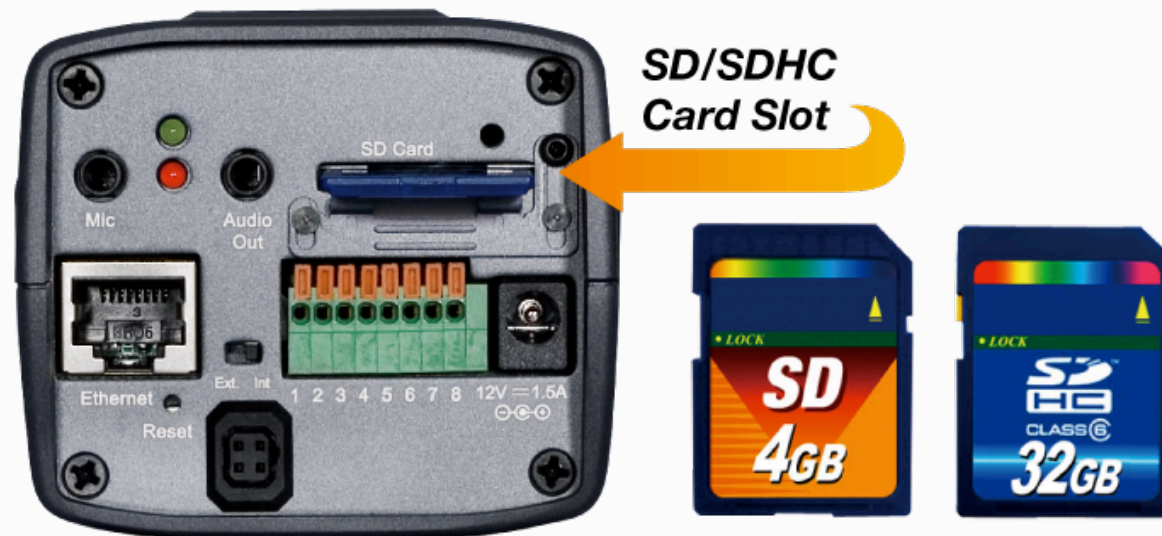
Optimizes bandwidth usage while ensuring superior image quality during recording.



*Low frame rate during normal monitoring;
high frame rate during event-triggered recording*

Built-in SD/SDHC Card Slot for on-board storage

*Stores images on an SD/SDHC card,
only transmits when an event occurs for event-triggered recording
and ensures constant recording during network disconnection.*



3. True Day & Night

True Day & Night for 24/7 surveillance

- *Removable IR-cut filter for clear day time (color) video and super low-light nighttime (black & white) surveillance.*
- *Auto-iris lens to adapt to frequent light changes.*



Day



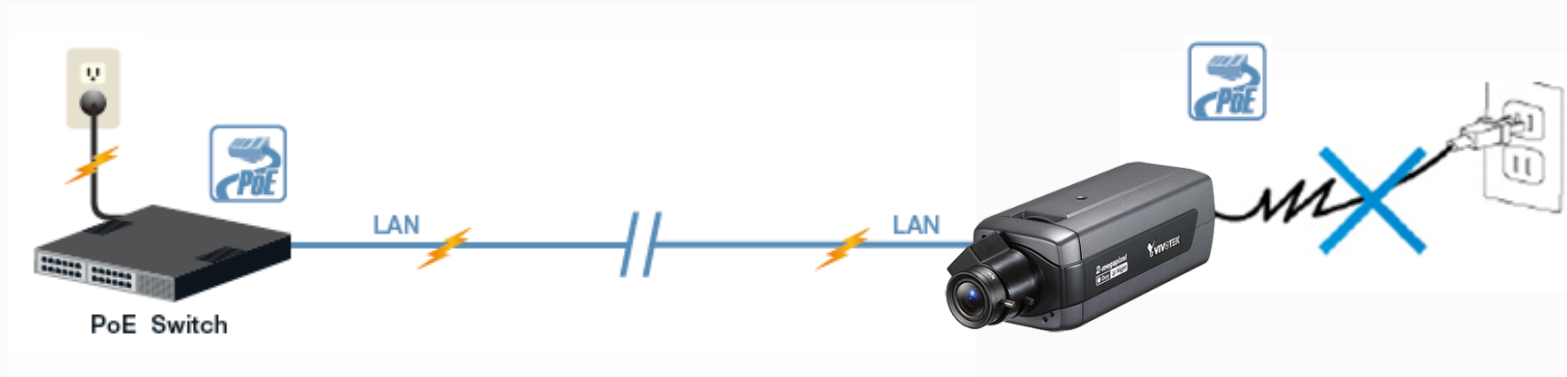
Night

4. Easy Installation and Usage

- PoE Support
- DI/DO
- 2-way Audio
- RS-485

802.3af Compliant PoE Support

*PoE (Power-over-Ethernet) makes installation simple.
No power connection is needed at the camera location,
eliminating the need for running an additional power line.*



DI/DO (Digital Input/Output)

One D/I and one D/O for external sensors and alarms.

Digital inputs



Digital outputs



Two-way Audio via SIP Protocol

Provides synchronized audio surveillance and announcement capabilities form the monitoring station.



RS-485 Interface

*Enables compatibility with scanners or pan/tilt drivers,
giving users a cost-effective alternative to PTZ
cameras.*



5. Unique Specifications

- Tamper Detection
- C/CS-mount Adjustment Ring

Tamper Detection

Detects and notifies users upon video loss from blockage, redirecting, defocusing, or spray-painting.



Blockage



Redirecting



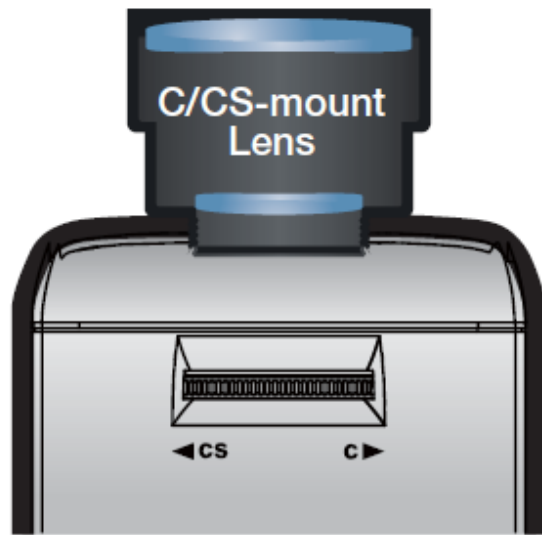
Defocusing



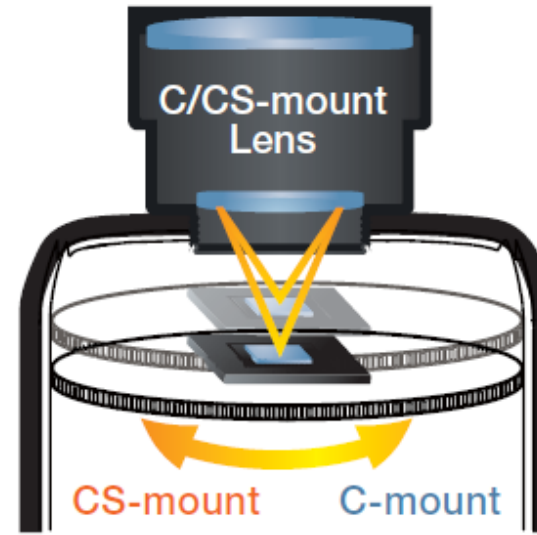
Spray-painting

C/CS-mount Adjustment Ring

Slide the adjustment ring to accept either a CS-or C-mount lens with no additional spacer ring required.








Exterior View



Interior View

6. High C/P Value

	VIVOTEK	Axis		Panasonic	ACTi
	IP7161	211M	223M	WV-NP304	ACM-5611
					
Lens					
Focal Length	f = 4.5 ~ 10 mm	f = 3.0 ~ 8.0 mm	f = 4.0 ~ 8.0 mm	f = 2.8 ~ 6.0 mm	f = 4.2 mm
F value	F1.6	F1.0	F1.4	F1.4 (wide) F2.1 (tele)	F1.8
Auto iris	DC-iris	DC-iris	DC-iris	V	-
IR-cut filter	V	-	V	V	V
Angle of view (Horizontal)	37.1° ~ 77.6°	37° ~ 93°	38° ~ 72°	99.6°	75°
Video Setting					
Shutter time	1/5 ~ 1/40,000 s	1/4 ~ 1/15,000 s	2 ~ 1/7,500 s	1/10,000	1/5 ~ 1/2,000 s
Day & Night	V	-	V	V	V
Min illumination	0.8 Lux / F1.6	1 Lux / F1.0	1.5 Lux / F1.4 (color) 0.2 Lux / F1.4 (B/W)	1.5 Lux / F1.4 (color) 0.9 Lux / F1.4 (B/W)	0.5 Lux / F1.0 (color) 0.05 Lux / F1.0 (B/W)
Digital Zoom	4x			4x	
Video Compression					
Max video resolution	1600x1200	1280x1024	1600x1200	1280 x 960	1280x1024
MJPEG frame rate	30fps @ 800x600 15fps @ 1600x1200	12 fps @ 1280x1024 20 fps @ 1024x768 30 fps @ 800x600	12 fps @ 1600x900 9 fps @ 1600x1200	30fps	8fps @ 1280x1024 10 fps @ 1280x720 30 fps @ 640x480
MPEG-4 frame rate	30fps @ 800x600 10fps @ 1600x1200	8 fps @ 1280x1024 13 fps @ 1024x768 20 fps @ 800x600	12 fps @ 640x360 9 fps @ 640x480		
Streaming	Multiple streams	Dual streams	Dual streams	Dual streams	MPEG-4 / MJPEG selectable
Application					
DI/DO	1/1	1/1	2/1	1/1	1/1
Privacy mask	V	V	V	V	
Tamper detection	V	-	V	-	
Time-shift streaming	V	-	-	-	
Video cropping	-	-	-	-	
ePTZ	V	-	-	-	
On-board storage	SD/SDHC	-	-	SD Memory card (optional)	



Thank you
for your attention

The End