

# MEGApix® PTZ IP camera

**MEGAPIX® PTZ™**

Pan · Tilt · Zoom IP cameras



MEGApix® PTZ 2.1MP/1080p IP camera delivers complete control and great ROI with 30x optical zoom.

The DWC-MPTZ230XTW camera is NDAA-compliant and features Star-Light Plus™ color in near-total darkness technology for quality video in any lighting condition, a 3-part insert dome and 95° tilting, for a superior image quality in any lighting condition with minimal blind spots. The IP66- and IK10-rated compact vandal PTZ housing requires a wall mount, ceiling mount or flush mount, sold separately, to complete the camera's installation.

**NDAA**  
COMPLIANT PRODUCTS

**H.265**  
H.264/MJPEG



Camera view without zoom



30x optical zoom



## 30x optical zoom

The optical zoom lens uses internal glass elements to bring an image up to 30x closer, allowing the magnified image to be recorded at full resolution.



## Star-Light Plus™ color in darkness technology

Star-Light Plus™ color in near-total darkness technology provides crisp, clear images in color in near-total darkness.



Star-Light Plus™ monochrome image in near-total darkness.



Star-Light Plus™ delivers color image details in near-total darkness.

## Features:

**2.1MP**

Resolution



Star-Light Plus™



0-360° Pan



Optical Zoom



Smart IR™



IP66 Rated

- 2.1MP/1080p 1/3" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 4.3-129mm motorized zoom PTZ lens
- 30x optical zoom
- True wide dynamic range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Digital Image Stabilizer (DIS)
- Programmable privacy zones
- Backlight Compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- Pan 0-360° endless, 360° per second pan speed
- Vector drive technology - pan/tilt motion in the shortest path
- 255 preset positions
- 10 tours
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE injector included
- PoE class5, DC24V and AC24V
- ONVIF conformant, profile S
- NDAA compliant
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant

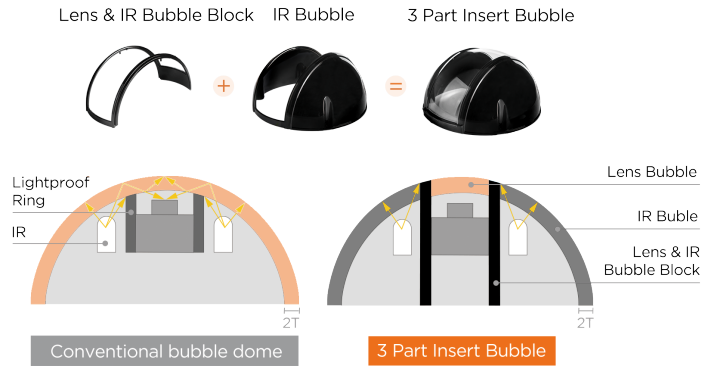
**ONVIF**

## Camera specifications



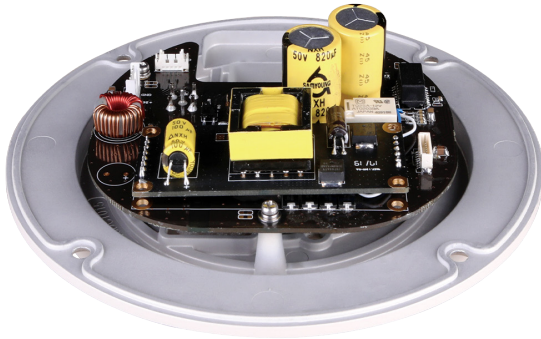
### 3-part insert bubble

DW's unique 3-part insert bubble has a special lens and IR bubble block and a special black IR bubble, which act together to dramatically reduce IR reflections from entering the lens.



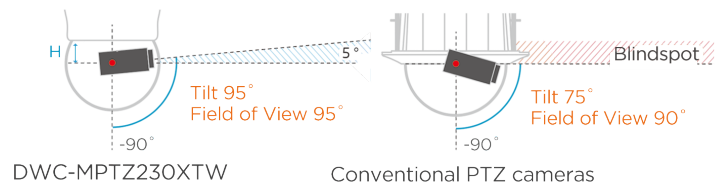
### Compact size

With a re-imagined board at the base of the camera, you can capture the power of a pan, tilt and zoom camera in a small and light housing that can be installed both indoors and outside.



### Remotely controlled 95° tilting

The camera's unique bubble structure improves the camera's tilting capabilities up to 95° tilting angle, covering any blind spots in the far background, with no image distortion



## Camera specifications (see datasheet for more information)

Specifications	
Image sensor	1/3" 2.55M CMOS
Focal length	4.3-129mm, F1.6-F4.7 vari-focal lens with motorized zoom and auto-focus
IR distance	200ft range
Digital zoom	30x optical zoom
Pan range and speed	360° endless, max 360°/1sec
Tilt range and speed	5-90°, max 360°/1sec
Audio input/output	1/1
Alarm input/output	1/1
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C )
IK rating	IK-10 impact-resistant
IP rating	IP66-rated
Power requirement	PoE IEEE 802.3bt class5 (PoE injector included), DC24V, AC24V
Dimensions	5.9" x 9.13" (150 x 232mm)



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