

A&E SPECIFICATION

Advidia B-210 2 MEGAPIXEL OUTDOOR MINI PTZ DOME, 10X ZOOM LENS TECHNICAL SPECIFICATIONS

SPECIFICATIONS

- A. Imaging
 - 1. Image Sensor: Progressive Scan CMOS
 - 2. Sensor Size: 1/3"

- B. Minimum Scene Illumination
 - 1. Color: 0.1 Lux at F1.8 (2400 °K, 30 IRE)
 - 2. Black and White: 0.05 Lux at F1.8 (2400 °K, 30 IRE)

- C. IR Illuminators
 - 1. IR Sensitivity Range: 700 – 1100 nm

- D. Lens
 - 1. Focal Length: Zoom, f4.9 - 49 mm
 - 2. Aperture: F1.6 - F3.0
 - 3. Zoom Ratio: 10x optical
 - 4. Zoom Speed : Max 2 seconds (1x-10x)
 - 5. Iris: DC Iris
 - 6. Focus: Auto Focus
 - 7. Lens Mount Type: Board Mount
 - 8. Horizontal Viewing Angle: 57.8° - 6.9°

- E. PTZ
 - 1. Manual Panning Speed: 5°~ 50°/s
 - 2. Manual Tilting Speed: 5°~ 50°/s
 - 3. Preset Panning Speed: 5° ~ 70°/s
 - 4. Preset Tilting Speed: 5° ~ 70°/s
 - 5. Panning Range: -175° ~ 175° (without auto-flip)
 - 6. Tilting Range: 0°~ 180° (with E-flip)
 - 7. Control: Remote manual control; 256 preset points; 10 preset tours; Auto scan
 - 8. Preset Panning Accuracy: 1.5°
 - 9. Preset Tilting Accuracy: 1.5°
 - 10. Absolute Position : Yes
 - 11. Protocol: Sony VISCA, Pelco-D, Pelco-P

- F. Day/ Night
 - 1. Day/Night switching : ISP based switch, configurable
 - 2. Mechanical IR Cut Filter: Yes

- G. Electronic Shutter:
 - 1. Manual Mode : 1/5 – 1/2,000 sec
 - 2. Auto Mode : 1/5 – 1/10,000 sec

- H. Functions
 - 1. Superior Low Light Sensitivity (SLLS) : Automatic
 - 2. Basic WDR (72 dB)
 - 3. White Balance: Auto/ hold /manual
 - 4. Brightness

5. Contrast
6. Automatic Sharpness
7. Automatic Gain Control
8. Digital Noise Reduction
9. Flickerless
10. Image Orientation: Image Flip / Image Mirror
11. Text Overlay: User defined text on video
12. On-Screen Graphics: User defined image layer on video
13. Alarm:
 - 13.1 Alarm Trigger:
 - a. Video motion detection: 3 motion regions
 - b. External device through digital input
 - 13.2 Alarm Response:
 - a. Notify control center
 - b. Go to PTZ preset point or preset tour
 - c. Change camera settings
 - d. Command other devices
 - e. E-mail notification with snapshots
 - f. Save video or snapshot to local storage
 - g. Upload video, snapshot to FTP server
 - h. Activate external device through digital output

- I. Compression: H.264 (High Profile)/ MJPEG

- J. Video Resolution:
 1. 1920 x 1080 (Full HD 1080p)
 2. 1280 x 720 (HD 720p)
 3. 640 x 480 (VGA)
 4. 320 x 240 (QVGA)

- K. Maximum Image Frame Rate:
 1. 30 fps at 1920 x 1080 (Full HD 1080p)
 2. 30 fps at 1280 x 720 (HD 720p)
 3. 30 fps at 640 x 480 (VGA)
 4. 15 fps at 320 x 240 (QVGA)

- L. Bit Rate: 28k – 6Mbps per stream; Support Constant and Variable Bit Rate Mode

- M. Multi-Streaming: Simultaneous dual streams based on two configurations

- N. Audio
 1. Audio: two-way
 2. Compression: PCM 8 kHz, 16 bit encoding, mono; G.711 aLaw/uLaw
 3. Audio Input: 1, Terminal block
 4. Audio Output: 1, Terminal block

- O. Digital Inputs/ Outputs:
 1. Digital Inputs: 1 input, terminal block.
 2. Digital Output: 1 output, terminal block.

- P. Local Storage:
 1. MicroSDHC/MicroSDXC memory card slot(card not included)

- Q. External Buttons:
 1. Factory default Button : 1 ,reset to factory default setting

- R. Networking
 - 1. Network Port: 1, Ethernet (10/100Base-T) via RJ-45 connector
 - 2. Protocol: TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour, ONVIF Compliant.
 - 3. Security: IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE 802.1X network access control

- S. Integration
 - 1. ONVIF Compliant
 - 2. Firmware Access Browser: Microsoft Internet Explorer 8.0 or newer (full functionality); Other browsers with QuickTime installed (partial functionality)

- T. Power Source / Consumption
 - 1. DC Power : 12 VDC / 10.36W
 - 2. PoE Class 3 (IEEE802.3af) / 12.95W

- U. Physical Characteristics:
 - 1. Dimensions (Ø x H): 152 mm x 118 mm (6" x 4.7")
 - 2. Weight: 1263 g (2.784 lb)

- V. Environmental Casing
 - 1. Weatherproof (IP66)
 - 2. Vandal Proof (IK10)
 - 3. Transparent Dome Cover

- W. Mount Type
 - 1. Surface, Pendant, Wall, Corner, Pole, Flush

- X. Operating Temperature
 - 1. Starting Temperature: -20°C - 50°C (-4°F - 122°F) with 30 mins
 - 2. Operating Temperature:-20°C - 50°C (-4°F - 122°F)

- Y. Operating Relative Humidity: 10% ~ 85% RH

- Z. Approvals:
 - 1. Camera: CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP66, NEMA 4X, IK10

- A. Warranty:
 - 1. Camera:
 - 3 years (in occasional motion)
 - 3 months (in continuous motion)
 - 2. Adapter: 1 year