

2011

| Type | Cube IP Cam | Cube IP Cam | Pan/Tilt IP Cam (WLAN) | Pan/Tilt IP Cam | Vandal Pan/Tilt IP Cam | Vandal IR IP Dome | Box Type IP Cam | Outdoor IR IP Cam | Outdoor VF IR IP Cam | Outdoor IR IP Cam | Fish Eye Dome | |
|--------------------------|---|-----------------------|---|-----------------------|--|-------------------------------|--|--|-------------------------------|----------------------------|----------------------------|--|
| Model | AM2110D | AM2120D | AM2221D | AM2231D | AM2290D | AM2303D | AM2630D | AM2530D | AM2560D | AM2590D | AM2830D | |
| ID | | | | | | | | | | | | |
| System: | | | | | | | | | | | | |
| Ethernet | 10/100MB | | | | | | | | | | | |
| Wireless | - | 802.11n | 802.11n | - | - | - | - | - | - | - | - | |
| Video Compression | H.264 & MPEG4 & JPEG simultaneously | | | | | | | | | | | |
| Multi-Profile | * 8 profiles simultaneously 2M mode H.264: 1600x1200 / 640x480 / 320x240 / 160x112 MJPG: 1600x1200 / 640x480 / 320x240 / 160x112 720P mode H.264: 1280x720 / 640x352 / 320x176 / 160x80 MJPEG: 1280x720 / 640x352 / 320x176 / 160x80 | | * 20 profiles simultaneously 2M mode H.264: 1600x1200 / 640x480 / 320x240 / 160x112 MPEG4: 640x480 / 320x240 / 160x112 MJPEG: 1600x1200 / 640x480 / 320x240 / 160x112 720P mode H.264: 1280x720 / 640x352 / 320x176 / 160x80 MPEG4: H.264: 640x352 / 320x176 / 160x80 MJPEG: 1280x720 / 640x352 / 320x176 / 160x80 | | | | | * 20 profiles simultaneously 2M mode H.264: 1080P / 640x352 / 320x176 / 160x80 MJPEG: 1080P / 640x352 / 320x176 / 160x80 MPEG4: 640x352 / 320x176 / 160x80 720P mode H.264: 1280x720 / 640x352 / 160x80 MJPEG: 1280x720 / 640x352 / 160x80 MPEG4: 640x352 / 160x80 | | | | |
| Frame Rate | 2Mega-pixel mode: up to 15fps 720P mode: up to 30fps | | | | 2M mode: up to 25fps 720P mode: up to 30fps | | Up to 30fps for all resolutions (2M Real-time) | | | | | |
| Max Resolution | UXGA (1600x1200) | | | | Full HD (1920x1080) | | Full HD (1920x1080) | | | | | |
| Audio | 2-way AMR, G.711, G.726 | | | | | | | | | | | |
| Streaming | * Simultaneously multi-profile streaming * Streaming over UDP, TCP, or HTTP * M-JPEG streaming over HTTP * Supports 3GPP mobile surveillance * Controllable frame rate and bandwidth * Constant and variable bit rate (MPEG4 / H.264) | | | | | | | | | | | |
| ROI (Region of Interest) | 2 windows with selectable resolution and codec. Max. region size 640x480(2M), 640x352(720P) | | 5 windows with selectable resolution and codec. Max. region size 640x352 (compare with digital zoom, saving bandwidth and only get interested video stream) | | | | | | | | | |
| Protocols | TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, Samba, HTTPS | | | | | | | | | | | |
| Easy Installation | DIPS™ on Google server everywhere (cloud server) | | | | | | | | | | | |
| Motion Detection | 10 Inc./Exclude windows | | | | | | | | | | | |
| Max clients | 20 | | | | | | | | | | | |
| PTZ: | | | | | | | | | | | | |
| Sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | 2M progressive sensor | |
| Privacy mask | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | 8 areas | |
| Digital zoom | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | Google-earth like | |
| F.f | f=4.3mm | f=4.3mm | f=4.2mm | f=4.2mm | f=4mm | VF=3-9mm | 4.3mm fixed lens (default), support Auto Iris and C/CS mount | VF=3-9mm lens support DC and auto Iris | VF=3-9mm lens support DC Iris | f=4.2mm | f=7mm | |
| IRIS | Fixed Iris | Fixed Iris | Fixed Iris | Fixed Iris | Fixed Iris | Auto Iris | Auto Iris | Auto Iris | Auto Iris | Fixed Iris | Fixed Iris | |
| LED | - | - | 12pcs IR LED | 12pcs IR LED | - | 12pcs High-light IR LED | - | 88pcs IR LED | 24pcs IR LED | 24pcs IR LED | 24pcs IR LED | |
| LED distance (D&N) | - | - | 5-10M | 5-10M | - | 20M | - | 35M | 20-25M | 20-25M | - | |
| IR LED / ICR control | - | - | IR and ICR by FW | IR and ICR by FW | IR and ICR by FW | IR and ICR by photo sensor | ICR by F/W | IR and ICR by F/W | IR and ICR by photo sensor | IR and ICR by photo sensor | IR and ICR by photo sensor | |
| ICR | - | - | V | V | V | V | V | V | V | V | V | |
| Pan degree | - | - | 355° | 355° | 355° | - | - | - | - | - | - | |
| Tilt degree | - | - | +90° ~ -30° | +90° ~ -30° | +90° ~ 0° | - | - | - | - | - | - | |
| Pan speed | - | - | 1- 90 °/sec | 1- 90 °/sec | 1- 90 °/sec | - | - | - | - | - | - | |
| Tilt speed | - | - | 1- 90 °/sec | 1- 90 °/sec | 1- 90 °/sec | - | - | - | - | - | - | |
| Preset point | - | - | 128 | 128 | 128 | 128 (RS485) | 128 (RS485) | 128 (RS485) | 128 (RS485) | 128 (RS485) | 128 (RS485) | |
| Camera tour | - | - | 16 groups | 16 groups | 16 groups | 16 groups | 16 groups | 16 groups | 16 groups | 16 groups | 16 groups | |
| Image flip/mirror | V | V | V | V | V | V | V | V | V | V | V | |
| IO & Power: | | | | | | | | | | | | |
| Audio Input | Internal MIC | Internal MIC | Internal MIC | Internal MIC | External MIC | External MIC | Internal & External MIC | External MIC | External MIC | External MIC | External MIC | |
| Audio Output | Line out | Line out | Line out | Line out | Line out | Line out | Line out | Line out | Line out | Line out | Line out | |
| Video Output | - | - | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | Di: 1 / DO: 1 | |
| IO Port | - | - | - | - | - | - | - | - | - | - | - | |
| RS485 | - | - | V | V | V | V | V | V | V | V | V | |
| microSD card | V | V | V | V | V | V | V | V | V | V | V | |
| PoE | - | - | - | V | V | V | V | V (for IP cam only) | V | V | V | |
| Power | 12V DC | 12V DC | 12V DC | 12V DC | 12V DC | 12V DC | 12V DC | 2pcs 12V DC adaptor (one for IR IP; one for H&F) | 12V DC | 12V DC | 12V DC | |
| HOUSING | | | | | | | | | | | | |
| Construction | Indoor use | Indoor use | Indoor use | Indoor use | IP66 vandal proof | IP66 weather and vandal proof | IP66 weather and vandal proof | Indoor use | IP65 with Heater&Fan | IP66 weather proof | IP66 weather proof | |
| Peripheral | - | - | Outdoor housing with H/F | | Wall mount bracket | Wall mount bracket | Wall mount bracket | Outdoor housing with H/F | - | - | - | |
| NVR | SecuGuard Bundle (V.5) <input type="checkbox"/> * 64ch. multi-channel supports Tri-decoder <input type="checkbox"/> * 16ch. video playback (simultaneously) <input type="checkbox"/> * Smart & scalable digital zoom, Snapshot and edit <input type="checkbox"/> * Motion, DI, Scheduler recording <input type="checkbox"/> * Fast rewind and forward (MP3/4, H.264, MJPEG rewind) <input type="checkbox"/> * 32x24 motion detection grids <input type="checkbox"/> * Smart search (by motion) <input type="checkbox"/> * Sequential search (frame by frame) <input type="checkbox"/> * E-MAP <input type="checkbox"/> * Event schedule setting * Remote server function: Remove live view / Remote playback / Remote setup A-MTK IP cam has been integrated with more than 20 companies (3rd party NVR or Hybrid system and) All models featured ONVIF protocol | | | | | | | | | | | |
| SDK | | | | | | | | | | | | |
| ONVIF | | | | | | | | | | | | |