

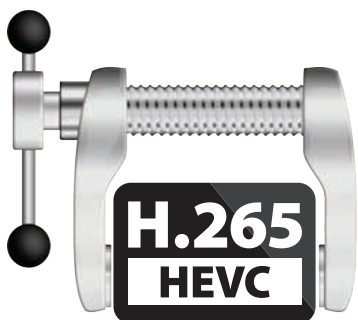


Compact size, big potential.

Professional Series: Fixed lens domes available in 2.0MP, 4.0MP, 6.0MP & 8.0MP

High performance fixed-lens surveillance in a compact body. Each dome in this series delivers in almost any application, with true WDR, efficient H.265 compression, built-in audio, edge recording and face detection.

- Stream up to 4K/8.0MP (3840 x 2160) at 15fps
- H.265 encoding for efficient storage & streaming
- 50m infrared range; true day/night (auto ICR)
- Built in microphone and microSD slot up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated metal housing for outdoor use
- ePoE for up to 800m transmission (*ePoE NVRs only*)



Efficient Video Storage & Streaming



Record at and Beyond Ultra HD



Edge Recording via MicroSD

| Model | | CAM652 | | CAM651 | | CAM416 | | CAM417 | | |
|---------------------------|-----------------------|--|---------------------|----------------------------------|------------------------------------|---|-----------------------------|--|---------------------------------------|--|
| Camera | Image Sensor | 1/3" 4.0MP Progressive Scan CMOS | | | | | | 1/2.5" 8.0MP Progressive Scan CMOS | | |
| | Effective Pixels | 2688 (H) x 1520 (V) | | | | | | 3840 (H) x 2160 (V) | | |
| | RAM / ROM | 512MB / 32MB | | | | | | 512MB / 32MB | | |
| | Min Illumination | 0.06 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on) | | | | 0.08 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on) | | 0.05 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on) | | |
| | S/N Ratio | > 50dB | | | | | | | | |
| Lens | Infrared System | 1 x Infrared LED, 50m range, Auto/manual on/off control | | | | | | 4 x Infrared LED, 50m range | | |
| | Lens / Iris | 3.6mm F1.6 Fixed Lens | | 2.8mm F2.0 Fixed Lens | | 6mm F2.0 Fixed Lens | | 4mm F2.0 Fixed Lens | | |
| | Field of View | Horizontal: 87°, Vertical: 48° | | Horizontal: 104°, Vertical: 57° | | 55° | | Horizontal: 87°, Vertical: 48° | | |
| | Focus | Fixed | | | | | | | | |
| | DORI Distance | D: 80m / O: 32m / R: 16m / I: 8m | | D: 56m / O: 22m / R: 11m / I: 6m | | D: 117m / O: 47m / R: 23m / I: 12m | | N/A | | |
| Video | Resolution | 4.0MP (2688 x 1520) to CIF (352 x 288) | | | | | | 8.0MP (3840 x 2160) to CIF (352 x 288) | | |
| | Frame Rate | Main | 4.0MP (1 ~ 25fps) | | 4.0MP (1 ~ 25fps) | | 4.0MP (1 ~ 25fps) | | 8.0MP (1 ~ 15fps) / 3.0MP (1 ~ 25fps) | |
| | | Sub | D1 (1 ~ 25fps) | | D1 (1 ~ 25fps) | | D1 (1 ~ 25fps) | | D1 (1 ~ 25fps) | |
| | | Third | 720p (1 ~ 25fps) | | 720p (1 ~ 25fps) | | 1080p (1 ~ 25fps) | | 720p (1 ~ 25fps) | |
| | Video Compression | H.265 / H.264 | | | | H.265+ / H.265 / H.264+ / H.264 | | H.265 / H.264 | | |
| | Bit Rate | H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240Kbps | | | | | | | | |
| | Bit Rate Control | Constant bit rate (CBR) / Variable bit rate (VBR) | | | | | | | | |
| | Day/Night | Auto (ICR) / Color / B&W | | | | | | | | |
| | Lighting Compensation | BLC / HLC / WDR (120dB) | | | | | | BLC / HLC / Digital WDR | | |
| | White Balance | Auto / Natural / Street Lamp / Outdoor / Manual | | | | | | | | |
| IVS | Gain Control | Auto / Manual | | | | | | | | |
| | Noise Reduction | 3D DNR | | | | | | | | |
| | Picture Control | Mirror / Flip (0°, 90°, 180°, 270°) | | | | | | | | |
| | Intelligent Functions | Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared | | | | | | | | |
| | Ethernet | RJ-45 (10/100Base-T) | | | | | | | | |
| Network | Protocol | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP | | | | | | | | |
| | Streaming Method | Unicast / Multicast | | | | | | | | |
| | Max. User Access | 10 Users / 20 Users | | | | | | | | |
| | Video Interface | N/A | | | | | | | | |
| Interface | Audio Interface | Built-in Microphone / Compression: G.711a, G.711Mu, AAC, G.726 | | | | | | | | |
| | Alarm Interface | N/A | | | | | | | | |
| | RS485 | N/A | | | | | | | | |
| | Edge Storage | MicroSD Card (up to 128GB) / NAS / Local PC | | | | | | | | |
| | Interoperability | ONVIF / PSIA / CGI | | | | | | | | |
| Environmental | Power Supply | 12VDC / PoE (802.3af) (Class 0) | | | | | | | | |
| | Power Consumption | <5.2W | | <5.2W | | <5W | | <5.2W | | |
| | Operating Conditions | -30° ~ +60° C / Less than 95% RH | | | | | | | | |
| | Ingress Protection | IP67 | | | | | | | | |
| | Vandal Resistance | N/A | | | | | | | | |
| | Housing | Metal | | | | | | | | |
| | Pan/Tilt/Rotation | Pan: 0° ~ 360° ; Tilt: 0° ~ 78° ; Rotation: 0° ~ 360° | | | | | | Pan: 0~360° ; Tilt: 0~78° ; Rotation: 0~360° | | |
| Dimensions | Ø106mm x 94mm | | | | | | | | | |
| Net Weight | 0.47kg | | | | | | | | | |
| Application | Diagrams | | | | | | | | | |
| | Accessories | | | | | | | | | |
| | Models | Junction box MB1036 | Junction box MB1047 | Wall mount MB1046 | Ceiling extension (MB1060+ MB1057) | Wall mount (MB1060+ MB1054) | Pole mount (MB1046+ MB1027) | Corner mount (MB1047+MB1026) | | |
| Product Variants by Model | | | | | | | | | | |

Your local VIP Vision™ IP solutions professional: