

ED-135AE2 Day & Night 5MP HD Fixed Dome IR IP Camera

www.meritlilin.com



- ▶ 5 megapixel CMOS image sensor
- ▶ H.265/HEVC and H.264/AVC high-performance video compression
- ▶ 3D noise reduction (MCTF)
- ▶ 2D WDR function
- ▶ ONVIF Profile S supported
- ▶ IP66 rain and dust resistant

Video Performance	
Model	ED-135AE2
Min. Illumination	Color 0.01lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON

Power and Environment	
Starting Temperature	-30°C – +60°C (-22°F – 140°F)
Operating Temperature	-30°C – +50°C (-22°F – 122°F)
Storage Temperature	-30°C – +60°C (-22°F – 140°F)
Humidity	0% ~ 90% RH
Power Supply	DC12V ±10% (Terminal connector) / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 5.7W / PoE 6.87W

Lens / Night vision (infrared LED)	
Focal Length	2.8mm
Iris	F 1.85
Angle of View	95.8°
Peak Wavelength	850nm
Beam Spread	80°
Radiant Distance	30M

Sensor	
Pick Up Element	1/2.8" CMOS image sensor
Effective Pixels	2616(H) X 1964(V) = 5,137,824 (Pixels)

Certifications	
CE	Yes
FCC	yes
IP Rating	IP66

PC Requirements	
CPU	Intel® Core™ i7 or higher grade
OS	Windows 7 or above
RAM	8GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 10 or above

Integration	
Mobile Application	Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support
Video Management	ONVIF Profile S / IVS events, LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included and no support MJPEG recording)

Network	
Network Protocols	IPv4, TCP, UDP, HTTP, SMTP, SNMP V1/V2/V3, NTP, DDNS, UPnP, FTP, ARP, DHCP, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S

Mechanical	
Dimension	Ø100 X90.3mm
Weight	438g
Casing Material	Aluminum alloy

Video Streaming	
Video Compression	H.265/HEVC Main Profile, H.264 Main and High Profile, Motion JPEG
Video Streaming	RTSP/UDP, RTSP/TCP, RTSP/Multicast configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth
Video Bitrate	128Kbps - 8192Kbps, Frame rate and bit rate controllable on-the-fly, VBR / CBR / GOP supported, H.264/H.265

Network Security	
Encryption	Base64 HTTP encryption, Digest HTTP authentication, RTSP Authentication
Address Filter	IP address filter
Access	Multiple user access levels with password protection

Video Resolutions (H x V)	
Resolution	5MP(2592x1944), 4MP(2592x1520), 3 MP(2048 x1520), 1080 P(1920 x1080), 960 P(1280 x960), 720 P(1280 x720)
Maximum Frame Rate	2592x1944 / 30 fps

Video Functions	
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)
White Balance	Auto/ Indoor/ Manual (Red, Green, Blue adjustable)
Back Light Compensation	Off/ Manual(1~15, Area selectable)
Electrical Shutter	1/5s – 1/20000s / AUTO
Auto Gain Control	Adjustable (1~128)
S/N Ratio	More than 46dB (AGC off)
3D Noise Reduction	Off/ Auto/ Manual (1~255)
2D WDR	Off / Manual (1~255)
High Dynamic Range	Up to 120dB
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Corridor Mode
EV (Exposure Value)	Adjustable