

# Z54

## 4MP ColorGuard 2.8mm Outdoor Turret with White LED 30m, Superior WDR, SLLS,



- 4 Megapixel
- ColorGuard
- Smart Dual Light with built-in IR and White LED
- Fixed Lens, f2.8mm/F1.0
- Superior WDR (120dB)
- Super wide angle
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Turret
Maximum Resolution	4MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.0003 lux at F1.0 (AGC on)
ColorGuard	Yes
ColorVizion	Yes
Mechanical IR Cut Filter	No
IR LED	No
White LED	Yes
White LED Working Distance	30m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)

S/N Ratio	75 dB
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## Lens

Focal Length	Fixed focal, f2.8mm
Aperture	F1.0
Iris	Fixed iris
Focus	Fixed focus
Horizontal Viewing Angle	110.4°
Vertical Viewing Angle	60.5°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 0°-75°, Rotation: 0°-360°

## Video

Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 Adaptive Stream (equivalent to Zip or Smart Stream or H.264+), MJPEG
Maximum Frame Rate vs. Resolution	25 fps at 2688 x 1520 25 fps at 2560 x 1440 30 fps at 2304 x 1296 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 640 x 360
Multi-Streaming	Simultaneous dual streams
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Highlight compensation (HLC), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Smart Motion Detection, Smart Intrusion Protection, People Detection, Vehicle Detection, Tampering Detection, People Line Crossing Detection, Vehicle Line Crossing Detection, Intrusion Detection (Forbidden Area Detection)
Image Orientation	Flip, Mirror, Rotation (Corridor mode)(±90°, 180°)

## Analytics

Deep Learning AI	1.0
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## Audio

Audio Type	1-way, Built-in Microphone
Audio Compression	G.711

## Network

Network Protocol & Service	IPv4, IPv6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, SNMP, SSL, QoS, TLS 1.2
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level

## Event

Event Trigger	Video motion detection, Tampering detection, Sound detection
Event Response	E-mail notification with snapshots, Upload snapshot to FTP server, Save video or snapshot to storage

## Integration

Edge Recording	Support (integration with NVR by ONVIF Profile G)
ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	IE 11, Google Chrome, Microsoft Edge, Firefox

## Interface

Operating Button	Reset Button
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## General

Power Source	DC 12V, PoE (IEEE802.3af)
Power Consumption	2.8 W (PoE)
Weight	480g (1.06lb)
Dimensions	(Ø x H): 118mm x 106mm (4.6" x 4.2")
Environmental Casing	Weatherproof (IP67)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	≤95% RH, non-condensing
Surge Protection	4KV
Approvals	CE Class B, FCC Class B, IP67, UL Listed
Color	White
Real-time Clock (RTC)	No
Warranty	2 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>