

# Z91

## 4MP Outdoor Mini Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens



- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F2.0
- Extreme WDR
- 30 fps at 2048 x 1520
- H.265 Compression
- Super wide angle
- Weatherproof (IP67), Vandal Proof (IK10)
- Support ONVIF Integration

### PRODUCT SPECIFICATION

#### Z91

#### • Device

Device Type	Outdoor Mini Dome Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Effective Pixels	2688(H) x 1520 (V) (4.09 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.02 lux (F2.0, AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED / IR Working Distance	Adaptive IR LED / 30m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/6 ~ 1/100,000 sec
S/N Ratio	55 dB

#### • Lens

Focal Length	Fixed focal, f2.8 mm / F2.0
Iris / Focus	Fixed iris / Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	101.8°
Viewing Angle Adjustment	Pan: ±180°; Tilt: 0° ~ 90°; Rotation: ±180°

#### • Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Max. Frame Rate vs. Resolution	20 fps at 2592 x 1520; 25 fps at 2560 x 1440; 30 fps at 2048 x 1520; 30 fps at 1920 x 1080
Multi-Streaming	Simultaneous triple streams based on three configurations
Image Enhancement	Extreme WDR (120dB); 3D digital noise reduction; Defogging ; White balance; Contrast; Automatic gain control; Flickerless; Advanced Image Stabilizer; Digital Image Stabilizer(DIS)
Privacy Mask	Yes
Built-in Analytics	Object Based Motion Detection, Tampering, Line crossing, Enter area
Image Orientation	Image flip, mirror and rotation

#### • Audio

Audio Type	2-way; Mic-in, Line-in, Line-out; 3.5mm Phone Jack
Audio Compression	G.711, 8K Hz, Mono

#### • Network

Protocol & Service	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SIP, 802.1x
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector

#### • Event

Event Trigger	Video motion detection(2 regions), External device through digital input, Sound detection, Tampering detection
Event Response	E-mail notification with snapshots, Save video to local storage, Upload snapshot to FTP server, Activate external device through digital output

#### • Interface

Local Storage	MicroSD memory card slot (card not included)
Digital Input / Output	1 / 1

#### • General

Power Source / Power Consumption	DC 12V, PoE Class 3 (IEEE802.3af) / 5.5W
Dimensions (Ø x H)	108.5 x 81 mm (4.28" x 3.2")
Weight	0.45 kg (0.99 lb)
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Operating Temperature	-35°C ~ 60°C (-31°F ~ 140°F)
Approvals	CE, FCC, IP67, IK10

#### • Integration

Compatible Integration	ONVIF compliant (Profile S)
------------------------	-----------------------------