

# VD2

Model : VD2

Description

Picture

8MP H.265 Low Lux WDR  
Vandal Proof Edge AI Camera



## Intelligent

Artificial Intelligence	Native Support	Face Recognition
	Future Release	Human Detection, Age & Gender Detection, Pose Estimation

## Platform

Processor	Qualcomm QCS605
Memory	4GB RAM/16GB eMMC
Operation System	Android

## Camera

Image Sensor	1/1.8" progressive scan low lux CMOS
Picture Elements	3840 (H) x 2160 (V)
Minimum Illumination	0.025 Lux @F1.47 (Color), 0.02 Lux @F1.47 (B/W), 0 Lux (IR ON)
WDR	120 db

## Lens

Day/Night	Yes (with removable IR-cut filter)
Lens Type	Motorized
Focal Length	4.46-11mm
Maximum Aperture	F/1.47
Horizontal FOV	110° ~ 40°
Image Format	1/1.8"
Max. IR Distance (Radius)	15m (49.21ft)

## Operation

Video Compression	H.265, H.264, MJPEG
Frame Rate	30 fps at 3840 x 2160
Audio Compression	G.711

## Network

Interface	10/100 Ethernet
Protocols	TCP, UDP, DHCP, DDNS, HTTP, HTTPS, NTP, RTSP, SMTP, AMQP

## Mechanical

	Ethernet	RJ-45
	Audio	Line in/Line out
	Digital I/O	1 Input (Dry Contact), 2 Digital Output (Wet Contact)
	MicroSD	Micro SD card slot, Pre-built SD: 16GB
LED Indicator	2 LEDs: Power, Status	

## General

Environment Temperature	Start-up	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
	Operation	(IR off) -30 °C ~ 50 °C (-22 °F ~ 122 °F) (IR on) -30 °C ~ 45 °C (-22 °F ~ 113 °F)
Humidity	10% to 90% (no condensation)	
Power Source	12V DC /24V AC/ POE+ (IEEE 802.3at)	
Dimensions	ø146.7 x 127.8 mm	
Weight	1172g	
Regulatory	CE, FCC, VCCI compliant, RoHS compliant, IP66, IK10	