

VIBBA-1N29E	
CAMERA	
Image Sensor	1/1.8” Sony, RGB Bayer CMOS Sensor
Total Pixels	3856(H) X 2200(V) = approx. 8.48MP
Scanning Mode	Progressive Scan
Minimum Illumination	Color : 0.007 Lux B&W : 0.0007 Lux
S/N Ratio	More than 50dB (AGC off)
LENS & IR LED	
Lens Type	Motorized Lens
Focal Length	f = 2.7mm ~ 13.5mm
Aperture Ratio	F = 1.4
IR LED	-
CAMERA FUNCTIONS	
High Dynamic Range	DOL HDR
Day and Night Mode	Automatic, Day, Night, External Sync
Noise Reduction	2D-NR, 3D-NR
Auto Exposure Mode	Automatic, Manual
Shutter Speed Control	Min. 1/100,000 sec ~ Max. 1/2 sec
Gain Control	Min 1 ~ Max 50
Auto White Balance Mode	Auto, Outdoor, Shade, Clear sky, Fluorescent light, Light Bulb, Manual
Digital Zoom	8x
BLC	On / Off
HLC	On / Off
Image Effect	Mirror, Flip
Privacy Mask	Max. 8 Area Selection
Tamper	On / Off
Video Motion Detection	Max. 4 Area Selection
Corridor Format	90° / 270°
Lens Distortion Compensation	On / Off
NETWORK	
Video Compression	H.264 / H.265 / MJPEG
Video Resolution	3840x2160(4K),2592x1944(5M), 2048x1536(QXGA), 1920x1080(Full-HD), 1280x1024(SXGA), 1280x720(HD), 704x480(4CIF/NT), 704x576(4CIF/PAL), 640x480(VGA), 352x288(CIF), 320x240(QVGA)
Video Frame Rate	Up to 30fps at 3840X2160 (4K)
Video Streaming	Simultaneously H.265 and MJPEG (Multi Streaming) or Simultaneously H.264 and MJPEG (Multi Streaming) Independent Frame Rate and Bandwidth Control, VBR/CBR Mode
FTP Uploading	MJPEG Still Image
Event In	Onboot / Trigger / Network Loss / Tampering / Motion
Event Out Notification	E-mail, FTP
Login Authority	Administrator, Operator, Guest
Event Buffering	FTP : Pre / Post Event Tme 0 ~ 10sec FPS : 1 ~ 2 fps
Manual trigger	Still Image Capture
Security	Multi User Authority, IP Filtering, HTTPS
Network Time Sync	Synchronize Computer / NTP Server, Manual
Software Reset	Restart, Reset, Factory Default
Remote Upgrade	Using Web Browser
Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
Client Software	Built-in Web, ONVIF Compatible 3rd Party VMS
Max. User Connection	10 Users
SDK Support	API, ONVIF Profile S/T Compliant
GENERAL	
Power Source	DC12V (+/-) 10%, PoE IEEE802.3af, Class3
Power Consumption	300mA + 80mA (2 Motor Lens)
Operating Temperature	-10°C ~ + 50°C / 0% ~ 90% RH
Dimension	301mm X 77mm Diameter