

VN6B-5N66E		VigiNestVISION
CAMERA		
Image Sensor	1/2.8” Sony CMOS Sensor, IMX335	
Total Pixels	2704 (H) x 2104 (V) = 5.69 MP	
Effective Pixels	2592 (H) x 1944 (V) = 5.03 MP	
Scanning Mode	Progressive Scan	
Minimum Illumination	Color: 0.1 Lux B&W: 0.01 Lux	
S/N Ratio	More than 50dB (AGC off)	
LENS & IR LED		
Lens Type	Manual Varifocal Lens	
Focal Length	2.7–12mm	
Aperture Ratio	F1.4	
IR LED	-	
CAMERA FUNCTIONS		
Wide Dynamic Range	Digital WDR	
Day and Night Mode	Automatic, Day, Night, External Sync	
Noise Reduction	2D-NR, 3D-NR	
Auto Exposure Mode	Automatic, Manual	
Shutter Speed Control	1/100,000 – 1/2 sec	
Gain Control	1 – 50	
Auto White Balance	Automatic, Outdoor, Shade, Clear sky, Fluorescent light, Light bulb, Manual	
Digital Zoom	Up to 12x	
On Screen Display	On / Off	
BLC	On / Off	
HLC	On / Off	
Image effect	Mirror, Flip	
Privacy Mask	Up to 8 Areas Selection	
Tamper	On / Off	
Video Motion Detection	Up to 4 Areas Selection	
SD Card	SDHC / SDXC	
NETWORK		
Video Compression	H.264 / H.265 / MJPEG	
Video Resolution	2592 x 1944, 2560 x 1920, 2048 x 1536, 1920 x 1440, 1600 x 1200, 1280 x 960, 800 x 300 480 x 360	
Video Frame Rate	2592 x 1944 @ Up to 30 fps	
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	
Audio Streaming	Two Way (G.711)	
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 Time: 0 – 10 sec, 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	
Auto Recovery	Backup, Restore	
Remote Upgrader	Using Web Browser	
Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, TRCP, DHCP, ARP, Zeroconf	
Client Software	Built in Web, ONVIF Compatible 3rd Party VMS	
Max. User Connection	10 Users	
Ethernet	RJ-45 (10/100 Base-T)	
GENERAL		
Power Source	DC 12V (+/-) 10%, PoE IEEE802.3af, Class3	
Power Consumption	330mA	
Operating Temperature	-10°C – +50°C / 0% – 90% RH	
Dimension	Ø65mm x 135mm (L)	