Brickcom

N-Series Superior   Night Vision
3 Megapixel Bullet Network Camera

V2.0

OB-300Np V5-SE Series

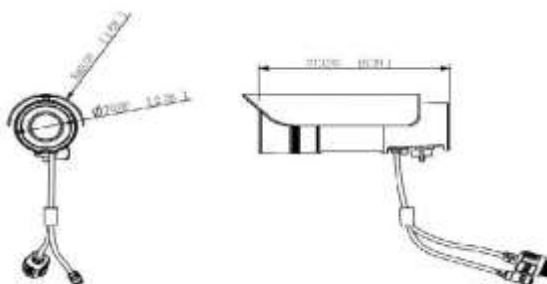### Enhancement HDTV 1080p/720p ● 3M/2M Resolution Supported

▪ Enhancement N-Series Sony Exmor 3M Outdoor Bullet Camera

▪ Brickcom WDR Enhancement® Technology inside up to 120dB

▪ **SmartFocus**® to Ease the Zoom and Focus Adjustment Remotely

▪ HDTV Quality (Full HD 1080p @ 30fps Streaming)

▪ **Intelligent Multi-Profile Sensor Management**® for Different Environments

▪ Removable IR-cut Filter /Auto Light Sensor for Day and Night

▪ IP67 Outdoor Enclosure Built-in Fan (-40°C ~ 60°C) and Heater

▪ Built-in IR Illuminators, effective up to 30 Meters

▪ Tamper alarm (Focus Loss, Blockage, Spray Painting)(Optional with extra license required)

▪ Two-way Audio/Built-in Micro SD/SDHC/SDXC Memory Card Slot for Local Storage

▪ 1 DI/DO for External Alarm and Sensor Device/ TV out Connector Supported

▪ PoE(802.3at) / PoE(802.3af)/ DC12V/ AC24V Supported

▪ Smart IR to adjust the IR LED light across the entire area to get a well illuminated image

3M | HD 1080 | Smart Focus | Profile Management | IR | IP67

TV Out | SDXC | WDR | DI DO | PoE | H.264

Photo Indication & Dimension Diagram

❶ IR LED

❷ LENS

❸ Light Sensor

❹ RJ45 Connector 1 (For Ethernet, 802.3at PoE and 802.3af PoE)

❺ DC12V / AC24V Connector

❻ RJ45 Connector 2 (For Audio in/out, RS485, DIDO)

V2.0

Camera

Models	**OB-300Np V5-SE:** 3M, Motorized Lens (*) Wi-Fi and 3G models are optional
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor : 1/2.8" 3M Sony Exmor Megapixel Sensor Resolution : 2048x1536 pixel Sensor Type : Progressive CMOS
Lens	**OB -300Np V5-SE:** Iris Type: Auto Iris, DC Drive Lens Type: Auto Focus Motor Zoom Lens Focal Length: 3mm~10.5mm F value: F1.2 View Angle: (H)98°~32°(V)/72°~24°/(D) 128°~40°
Local Storage	Built-in Micro SD/SDHC/SDXC Max.64G Memory Card Slot
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input
Minimum Illumination	**OB -300Np V5-SE:** B/W : 0 Lux (IR ON) B/W : 0.001 Lux(F1.2,1/30 Sec., 50IRE) Color : 0.002 Lux(F1.2,1/30 Sec., 50IRE)
IR Illuminators	**OB -300Np V5-SE:** Built –In IR Illuminators, effective up to 30 meters IR LED:22pcs

Video

Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
Video Setting	Multi-Profile Image Management: Day/ Night/ Sunset/ User 1/ User 2 Auto Exposure Control /AGC/ AWB Control Manual Exposure Control: 1/10000~1/5s Manual Gain Control: 1X ~ 15X DNR (2D+3D),BLC, 120 dB WDR, Flip/Mirror
S/N Ratio	Above 50dB
Image Resolution	**3M:** 2048x1536 @ 20fps **2M (Full HD):** 1920x1080 @ 30fps **1M (HDTV):** 1280x720 @ 30fps

Events and Alarm Management

Events	Motion Detection(4 zones)/Privacy Mask(4 zones) Schedule/ Audio Detection/ Digital Input/ Tamper alarm (Focus Loss, Blockage, Spray Painting), Temperature Alarm/ Auto Focus Shift for Day & Night
Alarm I/O Alarm	Input 1ea / Output 1ea Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output

Audio

Audio Streaming	2-way Audio Support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Audio Input/ Output	Line input : (Unbalanced, 1.4 Vp-p, 1 Vrms) Line out : (3.5mm stereo mini jack)

General

Communication	Ethernet : 1x10/100Mbps RJ-45 Supported Protocols : IPv4/6, TCP/IP, UDP/IP, HTTP, HTTPS, RTP(UDP), RTP(TCP), RTSP,DHCP,ICMP,IGMP, SSL, FTP, SMTP,NTP,ARP,DDNS,PPPOE,RTCP,DNS, CIFS/SMB, Bonjour, UPnP, DynDNS, SOCKS, IEEE 802.1x (SSH,SNMP v1,v2c,v3 LDAP)*
Onvif Support	Profile-S
Power Input	DC12V 1A / 802.3af PoE 802.3at PoE/ DC48V 0.8A AC24V
Security	User and Password, HTTPS, IP Filter
Power Input/	DC12V 1A, 802.3af PoE, 802.3at PoE/ DC48V 0.8A
Working Temperature Environment	-40°C ~ 60°C (-40°F ~140°F) (Build in fan and heater)
Operating Humidity:	5% ~ 90%
Max. Power Consumption	**OB-300Np V5-SE** 8.6 Watts (PoE 802.3af, IR on) 8.4 Watts (PoE 802.3at, IR on) 18.2 Watts (PoE 802.3at, IR&Heater&Fan on)
Dimension	70(D) * 166(H) mm
Weight	**OB-300Np V5-SE** Net: 1100 g/2.43lb
Housing	Weather-proof (IP67)
Certification	FCC, CE, UL, RoHS
Max. User Access	20 users (depends on settings and available bandwidth)
Supported Languages	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish,Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek
Viewing System Requirements	OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6/7 or above, Safari, Google Chrome Mobile : IOS, Android, Windows Mobile Cell Phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.6 or above VLC
Warranty	Limited 2-year warranty (*): Licence Base specifications