Brickcom

N-Series Superior Night Vision
3 Megapixel Fixed Box Network Camera

(W)FB-300Np V5

HDTV 1080p ●3M/2M/1.3M Resolution Supported

▪ N-Series Sony Exmor 3M Indoor Fixed Box Camera

▪ **FocusEasy™** Making Camera Focus Adjustment Faster and Easier

▪ Brickcom **WDR Enhancement** ® Technology inside

▪ Full HD Quality (1080p @ 30fps)

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

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

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

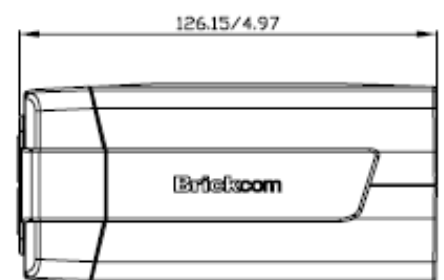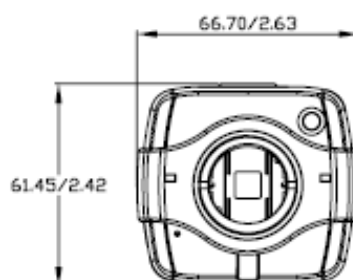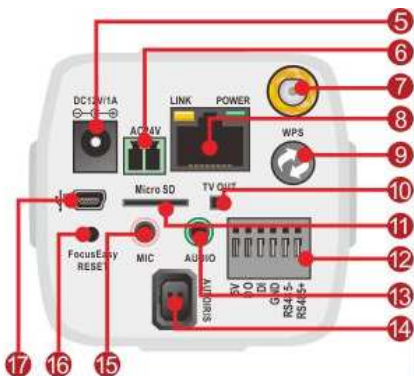▪ 1 DI/DO for External Alarm and Sensor Device

▪ Power over Ethernet

Photo Indication & Dimension Diagram

❶ Light Sensor

❷ Status LED

❸ WPS LED (*)

❹ Build-in Microphone

❺ Power Connector (DC12V In)

❻ Power Connector (AC24V In)

❼ Antenna Connector (*)

❽ Ethernet RJ45 10/100 Socket
   (Link/Power LED embedded)

❾ WPS Button (*)

❿ TV Out

⓫ Micro SD/SDHC/SDXC Card Slot

⓬ DIDO Terminal I/O Connector

⓭ Audio Out

⓮ Auto Iris Connector

⓯ Microphone/Line In

⓰ FocusEasy/Reset Button

⓱ USB Port

WFB-300Np V5 Only

Camera

Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.8" Sony Exmor™ CMOS Sensor Sensor Resolution : 2048 x 1536 pixel
Minimum Illumination	0.001 lux (F1.3, B/W) 0.002 lux (F1.3, Color)
Day & Night Support	Mechanical ICR , Triggered by Light sensor, Scheduling, Digital Input

Video

Video Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
Video Setting	FocusEasy™ Feature Multi-Profile Image Management: Day/ Night/ Sunset/ User 1/ User 2 Gain/ White Balance Control Auto Exposure Control: Manual Exposure Control: 1/10000~1/5s Manual Gain Control: 1X ~ 32X 3D Privacy Mask
S/N Ratio	Above 50dB
Image Resolution	**3M :** 2048x1536 @ 20fps **2M (Full HD):** 1920x1080 @30fps **1M (720p HDTV):** 1280x720@ 30fps

Events and Alarm Management

Events	Motion Detection Schedule Audio Detection Digital Input Temperature Alarm
Alarm	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	Built-in microphone line in (Unbalanced, 1.4 Vp-p, 1 Vrms)/Line Output

General

Communication	Ethernet : one 10/100Mbps RJ-45 Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
Power input	DC12V/ 1A(Power Supply) AC 24V PoE:802.3af Compliant
Max. Power Consumption	**FB-300Np V5 :** 6 Watts **WFB-300Np V5 :** 8 Watts
Environment	Operating Temperature : 0°C ~ 50°C (32°F ~122°F) Operating Humidity : 10% ~ 80%
Dimension	126.2 (L) X66.7 (W) X 61.5 (H) mm
Weight	Net: 380g (Without Lens)/0.83lb Gross : 893G/1.97lb
Certification	FCC, CE
Viewing System Requirements	Onvif Support Brickcom Software: PC-NVR, Easy config OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 7 or above, Safari, Google Chrome Cell Phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.6 or above VLC Software Development Kit (SDK)
Warranty	Limited 3-year warranty

Camera Accessories Options

M13VG288IR
2.2x Manual zoom/focus, DC Iris

M13VM288IR
2.2x Manual zoom/focus, Manual Iris

BNCMD-02
TV-Out Connector Line

Network Equipment Options

PS-588I-v2
8-port 10/100M PoE Fast Ethernet Switch

PS-7242IL-AT
24-port 10/ 100M High Power PoE+ Web Smart Ethernet Switch