

# VERTRAUEN IP CCTV Box Camera

## VNA9800N-MPC-WDRD

Low Light Wide Dynamic Range 1.0 Megapixel 720p CMOS Box Camera

**QUALITY & STABILITY**  
**endorsed by**  
**PROFESSIONALS**  
since decades



### Specific Features

- Jolt free stable Image capture technology
- Wide Dynamic Range WDR  $\geq 120\text{dB}$
- Privacy Mask support for four Areas
- Dual video streaming H.264 / MJPEG
- Motion detection technology & Image snapping
- Network fault detection & Alarm video
- Local Storage SD card storage 32 GB
- Single Channel Video output
- 1280 X 720 resolution at 720P HD Image
- 1/3" Progressive Scan CMOS
- Stable low light performance at 0.05Lux (F 1.2)
- Bi-directional Audio Transmission
- Higher SNR for crystal clear Images
- ONVIF Protocol Support
- Power DC 12V
- Compatible with VERTRAUEN & third party Video systems.

### Video

The unanimous combination of sensor 1/3" progressive CMOS & using advanced H.264 Codec results in the crystal clear video images at very low file size hence enables to reduce the storage space as well as faster transmission even at lower bandwidth networks. The unit supports H.264 video compression as well as MJPEG, hence enables smooth function in transmission & choosing between the compressions.

### Application

Low , Medium & High Risk Applications

### Camera

VNA9800N-MPC-WDRD is the High Definition IP CCTV box camera designed for wide range of applications from low risk to medium risk applications. The housing of camera is designed using the combination of extra engineering effort & selected grade material like aluminium & ABS plastic. The unit supports C/CS mount to make proper focus of lenses for variety of applications from narrow to wide angle coverage's. The complete unit uses 1/3" Progressive Scan CMOS & is incorporated with DC Drive Auto IRIS lens, Alarm and Audio functions.

### Audio

Bi-Directional Audio enables audio transmission & reception hence giving the complete visual & audible information of the targeted location.

### Integration standard

VN 0512B are Onvif compliant hence compatible with all Onvif compliant devices & majority of third party software's.

### Power Supply Options

The units are designed with DV12V power input. This way the extra burden for power cabling is reduced & eliminated.

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#### CAMERA

Sensor Device	CMOS
Sensor Type	1/3"
Scanning technique	Progressive Scan
Resolution	1280X720
SN Ratio	>50dB (AGC Off)
Effective Pixels	1280 (H) X 720 (V)
Electronic Shutter	1~1/77,000 Second
WDR Range	> 100dB (AGC Off)
DNR	0.05Lux @ F 1.2
IRC	Mechanical IR cut filter , ON/Off/Auto Selectable

#### VIDEO

Compression	H.264 Main Profile ; MJPEG/JPEG Baseline
Streams	1280 X 720, 1~25(30) fps/Sec (Master Stream) 640 X 480, 1~25 (30) fps/Sec 320 X 240, 1~25 (30) fps/Sec 160 X 112, 1~25 (30) fps/Sec
Bit Rate	32Kbps ~ 16 Mbps , CBR/VBR

#### AUDIO

Compression	AAC , G.711 ,G.726 ,
Rate	32 K Stereo Mode
Streaming	Bi-Directional ,Full/Half Duplex

#### CONSTRUCTION

Material	Aluminium coated with silver & Metallic C/CS Mounts
Weight	0.56 Kg
Dimensions	148(L) X 78 (W) X 56 (H) mm Without lens

#### COMPATIBILITY

Onvif Compliant Devices &  
Software's

#### CERTIFICATION

CE, FCC, WEEE, RoHS.  
Certification Valid at the time of  
preparing the white sheet & may or  
may not change for the actual  
product at the time of purchase or  
installation.

#### DATA

Storage	Video & Image
Recording	Setup for record by Motion trigger , Alarm Trigger , Manual , Schedule

#### NETWORK

Protocol	TCP/IP , UDP , RTP , RTSP , RTCP , http, DNS , DDNS , FTP , NTP , PPPOE , SMTP , UPnP
Browsers	IE 6.0 & Above , 16 Users (Max)
Mobile Phone	Windows,Symbian,iPhone,Android

#### INTERFACES

Optical	CS/C ,Auto IRIS (DC Drive)
Audio (in)	1 Ch Mic input , Built-in or External Access
Audio (Out)	1 Channel Linear Output
Video Output	1Channel BNC Output
Storage	SDHC Card slot for insertion of SD card for local storage
Network	10/100 M Base Tx , RJ 45
I/O	NO / NC
Power	Sockets for DC/AC Interface
Com Port	RS 485

#### ELECTRICAL

Network Port	RJ 45 10/100M Base TX
Accessory Port	RS 485
Cable Type	CAT 5E & Related
Input Power	120V/220VAC 50/60~
Power Consumption	5W (Max)
Local Storage	32 GB

#### ENVIRONMENTAL

Operating Temp	-10 C ~ 55 C
Operating Humidity	0% ~ 90 %
Storage Temperature	-10 C ~ 65 C

#### MOUNTS

C & CS Mount

#### ENCLOSURE

Housings with or without heater &  
blower or heater or blower of any IP  
rating depends upon the location.

# VERTRAUEN IP CCTV Box Camera

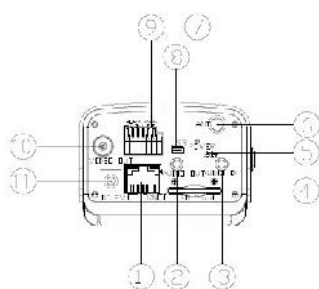
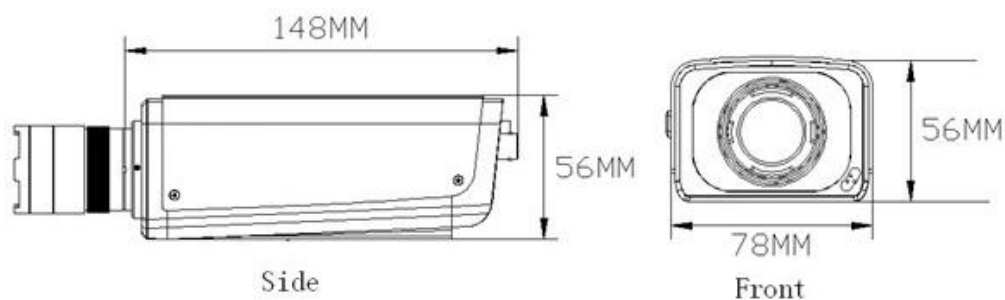
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### PARTNERS



### DIMENSIONS & DRAWINGS (All Dimensions in mm)



#### INTERFACE

- |                        |                        |
|------------------------|------------------------|
| 1 : RJ 45 Socket       | 7 : Power Input        |
| 2 : Audio Output       | 8 : USB                |
| 3 : Audio Input        | 9 : Alarm Input/output |
| 4 : SDHC Card Slot     | 10 : Video Out         |
| 5 : Reset              | 11 : DC 12V            |
| 6 : Antenna (Optional) |                        |

### NUMBERING

VN9800N-MPC-WDRD