

Outdoor Bullet Camera

NC4230

2 Megapixel • HD H.264
Day & Night • IP66 • PoE

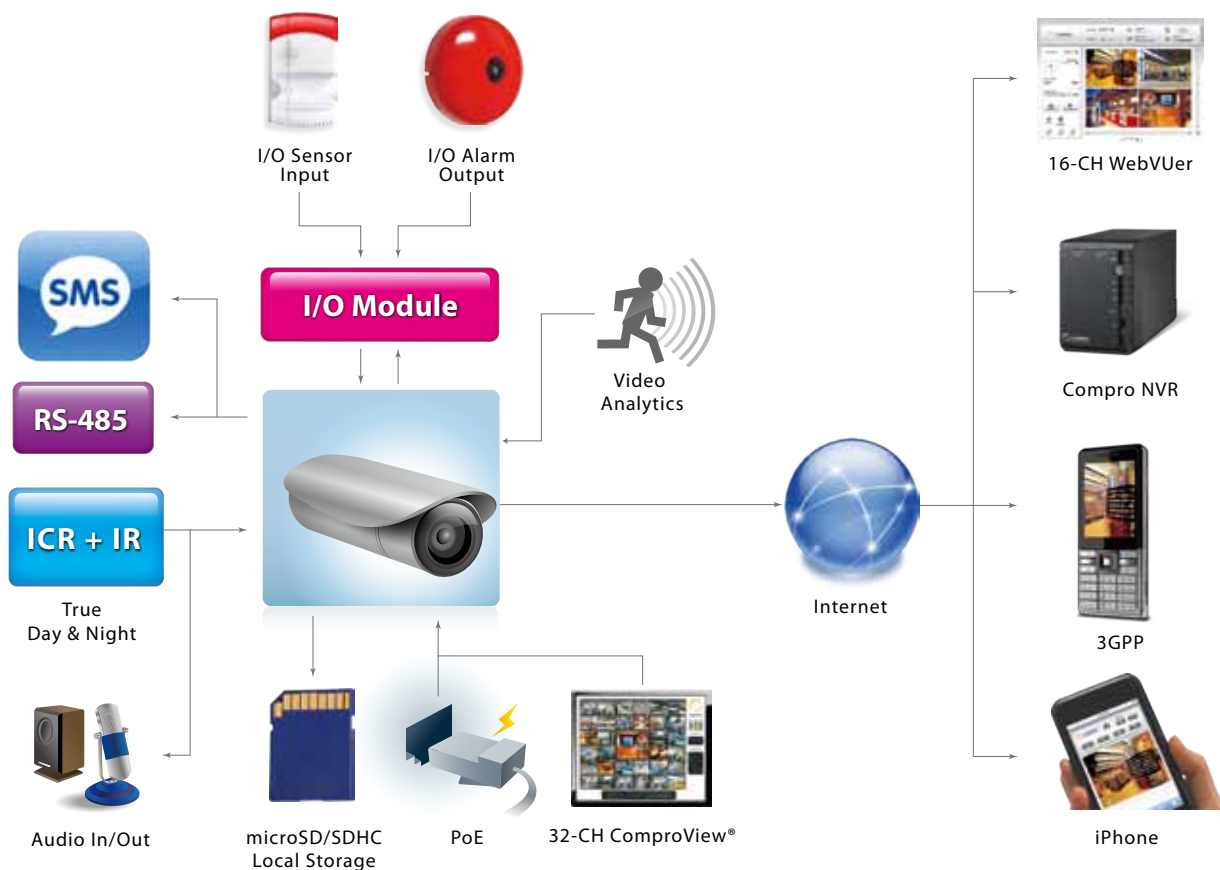
ONVIF

Key Features

- 1/3" progressive scan 2-megapixel CMOS image sensor
- Up to 30 FPS at 720P; up to 15 FPS at 1600 x 1200
- H.264, MPEG-4 and M-JPEG compression
- True Day & Night by ICR, IR LED
- HD vari-focal lens, f 3~9 mm, F1.2~2.1
- Supports ONVIF 1.02
- Two-way audio communication
- Dynamic dual streaming, active bandwidth management, activity-adaptive streaming, Quality-of-Service (QoS)
- Intelligent video analytics
- Digital I/O and system integration by RS-485
- Power-over-Ethernet (PoE)
- IP66-grade weather resistance for outdoor applications
- 16-CH WebVUer for remote monitoring on web browser
- Free 32-CH ComproView® video management system



Application Diagram



CAMERA

Sensor	1/3" progressive scan 2-megapixel CMOS
Lens	HD vari-focal lens, f 3~9 mm, F1.2~2.1
Video Standard	Tri-codec: M-JPEG, MPEG-4, H.264
Sensor Matrix	1600x1200
Day / Night Illumination	ICR, IR LED x 18 (effective 20 m)
Min. Illumination	0 Lux when IR on

VIDEO

Streaming	Dual video streaming
Data Rate	Stream 1/2/3GPP, multi-level configurability
Dynamic Control	Active bandwidth management, activity adaptive streaming
Resolution & Frame Rate	
Turbo Picture	1600 x1200 up to 15 FPS
Motion Adaptive	HDTV 720P (1280 x 720) up to 30 FPS
Channel Division	1, 4CH; 16CH per WebVUer, sequential
Imaging	
Color Contour	Brightness, saturation, sharpness, multi-level configurability
Backlight	BLC, multi-level configurability
White Balance	Multi-scenario configurability
Electronic Shutter	Auto, manual (16 configurable levels)
Flickerless	50/60 Hz
Low-Light Behavior	Advanced configurations
Iris Level	Auto (DC iris)

AUDIO

Compression Format	G.711 PCM 64 Kbit/sec, bi-directional audio streaming
Audio Input / Output	Mic-in x 1, line-out x 1, 3.5 mm phone jack line out

PAN / TILT / ZOOM

Zooming	10x digital; fits web browser; 100%
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SYSTEM INTEGRATION

Sensor In / Alarm Out	In x 1, relay out x 1, terminal block line out
Device Integration	RS-485 x 1, terminal block line out
Intelligent Analytics	Video motion detection, tampering detection, loitering detection, audio detection, multi-zone/ sensitivity
Triggering Event	Analytics, schedule, I/O, network failure
Triggering Reaction	SMS, snapshot, local/remote recording, e-mail, FTP, alarm output, PTZ preset go-to, ComproView® notification
SDK	Yes

LOCAL STORAGE

Local Storage	Built-in microSD slot
Format	AVI (audio incl.), by events or schedule; JPEG, file name format customizable
Playback	Playback by event type (motion, I/O, schedule, audio), auto overwriting; never erase

NETWORK

Protocols	3GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/ IPv4, IGP, NTP, PPPoE, QoS, RSP, RTSP, SMTP, SSL, TCP/IP, UDP, UPnP
Ethernet	10/100 Base-T, autosensing, RJ-45
User Group	2 levels, unlimited users, ID/password protected, max 10 simultaneous users
Diagnostics	Auto connectivity diagnosis, auto bandwidth detection, iWizard

REMOTE SURVEILLANCE

Mobile Surveillance	M-JPEG, 3GPP over Android, BlackBerry, iPhone, Windows Mobile (features vary)
Web Surveillance	WebVUer 16CH over Internet Explorer, Chrome, Firefox, Safari (features vary)
Advanced Surveillance	ComproView® 32CH surveillance system

GENERAL

Unit Configuration	Rebooting, factory default, date/time synchronization, user profile management, firmware upgrade, OSD, date/time stamp, multilingual UI
User Authentication	ID, password
Firmware	HTTP mode, remote update
OSD	Text or image overlay, 4 locations
Language	Chinese Traditional, Chinese Simplified, German, Spanish, English, Japanese, Portuguese, Russian, Turkish, Ukrainian, Bulgarian
Regulatory	CE, FCC
Analog Video Output	Yes, BNC output

MECHANICAL

Lens Type	HD vari-focal, f 3~9 mm, F1.2~2.1, auto iris
Weather Resistance	IP66
Casing	Bullet, silver grey
Dimensions	264 x 77 x 74 mm (L x W x H, including sun shroud and connector)
Weight (Net)	800 g (1.76 lb.)

ELECTRICAL

Input Voltage	DC 12V, or PoE, terminal block line out
Power-over-Ethernet	IEEE 802.3af Class 3

ENVIRONMENTAL

Operating Temperature	-20~55 °C / -4~131°F (with built-in heater)
Humidity	20~80% RH non-condensing

BROWSING REQUIREMENT

OS	Microsoft Windows XP SP3, Vista SP1, 7 (x86/x64)
Processor	Intel 2.8 GHz, 2GB RAM
Web Browser	Internet Explorer 6.0 or above, non-IE browsers require 3rd-party VLC plug-in

OPTIONAL

Accessories	Power adapter, camera bracket
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* Specifications are subject to change without prior notice.

* For complete product information, please contact a Compro Authorized Security Professional near you or write to security@comprousa.com.

