BEWARD
IP SURVEILLANCE

N630

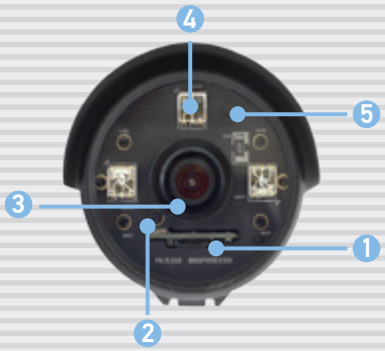
Outdoor IP camera with megapixel resolution



- Meets IP66 standard for dust and water protection
- Day/Night mode and motorized IR cut filter
- IR Illumination with working distance up to 15 meters
- 30 fps at HD 720p resolution
- Simultaneous motions: H.264/MPEG-4/MJPEG
- WDR mode support (Wide Dynamic Range)
- Network-attached storage (NAS) recording
- 16-channel software included
- MicroSDHC memory card support
- PoE technology support

N630 IS AN OUTDOOR MEGAPIXEL IP CAMERA WITH THE IR ILLUMINATION AND DAY/NIGHT MODE. THE CAMERA ALLOWS TO INSTALL TWENTY-FOUR-HOUR VIDEO SURVEILLANCE SYSTEMS WITH THE HIGHER IMAGE REQUIREMENTS.





1 - MicroSD/SDHC card slot
2 - Reset button
3 - Lens
4 - IR LED
5 - Light sensor

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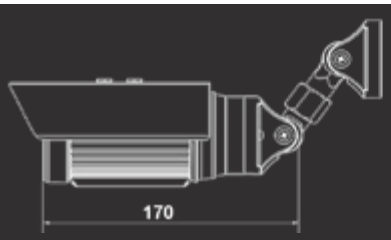
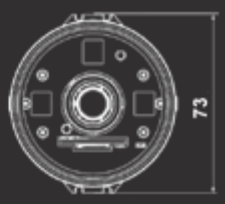
GENERAL FEATURES	
Model	N630
Image sensor	OmniVision, 1/4" CMOS, Day/Night mode
	Progressive scan
Sensor dimensions	3.88x2.43 mm
Sensitivity	0.2 lux / 0.02 lux (DSS @ 2 fps)
Illumination	IR LEDs (850 nm), 3 pcs, up to 15 m
IR filter	Motorized IR cut filter
Shutter time	1/2 - 1/10000 s
AGC	1x to 64x
Extra	WDR (8 levels), Noise Reduction, BLC
LENS	
Type	M12, F1.8
Focal length	4.0 mm
Angle of view	52° (horizontal)
VIDEO	
Video streaming	H.264 Baseline Profile, MPEG-4 Simple Profile
	Motion JPEG (simultaneous encoding),
	unicast and multicast support
Resolutions	1280x800, 1280x720, 640x480,
	320x240, 160x120
Frame rate	H.264/MPEG-4/Motion JPEG:
	up to 30 fps at all resolutions
Bit rate	H.264/MPEG-4: customize settings,
	presets (5 fixed), fixed bit rate:
	from 32 kbit/s to 6 Mbit/s;
	Motion JPEG: customize settings, presets
Profile	10 profiles, individual adjustment
View areas	Up to 4 view areas
Image settings	Brightness, contrast, saturation, sharpness
	Rotation: mirror, flip, mirror+flip
	Time/date, text, privacy zone masking
Zoom	Digital 10x (on/off)
NETWORK	
Interfaces	10Base-T/100Base-TX Ethernet port
Supported protocols	TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP,
	SMTP, DDNS, NTP, UPnP, Bonjour, RTSP,
	RTP, HTTP, HTTPS, UDP, ONVIF v2.2
Security	Multilevel users access
	with password protection
	(up to 5 simultaneous connections),
	HTTPS encryption, IP Filter
Connection	DHCP, static IP address
RECORDING AND EVENTS	
Events	Multizone motion detection with sensitivity
	and threshold adjustment, network link down,
	IR filter, boot device, periodical event,
	IP-notification, capacity warning,
	tampering detection
NAS recording	Recording of video data, images, system log
	to a shared folder or to NAS - continually,
	by alarm, by schedule, periodically
Memory card recording	Images, video data, system log:
	continually, by alarm, by schedule,
	periodically
FTP uploading	Images, video data, system log:
	by alarm, by schedule, periodically
	(pre-,post recording, time span: 1 min. to 24 h.)
Sending by e-mail	Images, video data, system log:
	by alarm, by schedule, periodically
	(pre-,post recording, time span: 1 min. to 24 h.)
CONNECTORS	
Ports/Connectors	RJ-45 for Ethernet 10/100 Base-T,
	power connector, memory card slot,
	Reset button,
	Video out (BNC connector)
Memory card	MicroSD/MicroSDHC (up to 32 GB)
CONTROL/SETTINGS	
Control	Professional 16-channel software for
	recording and monitoring, software for
	searching and setting of IP cameras (included)
	Firefox, Safari, IE 9.0 or later
UPnP	Windows UPnP auto-discovery
	(XP SP3/Vista/Windows 7)
OPERATION	
Power	12 V DC; PoE IEEE 802.3 af
From power supply	2.6 W (without IR illumination)
	5.6 W (with IR illumination)
From PoE	4 W (without IR illumination)
	7.7 W (with IR illumination)
LED	Power, network status
Operating temperature	От -40 до +50°C
Waterproof	IP66
Dimensions	⌀69x280 mm (assembled)
Net Weight	780 g
Casing	Metal
MINIMUM REQUIREMENTS	
Network interface card	Yes
Browser	Internet Explorer 9.0 or later
Operating system	Windows XP, Vista, Windows 7,
	MAC OS Leopard 10.5 or later
Processor	2.8 GHz Pentium 4 or equivalent AMD
RAM	1 GB (recommended 2 GB or higher)
Video card	256 Mb
PACKAGE CONTENTS	
Package contents	IP-camera (lens and bracket pre-installed)
	RJ45 connector, mounting kit
	Sunshield
	12 V, 1 A DC power supply
	Quick installation guide
	CD with software and user's manuals
	Package





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