

D7320 3 Megapixel WDR Dome IP Camera



- 3 Megapixel Resolution
- H.264 and Motion JPEG video streams
- True WDR up to 100dB
- 24pcs IR LEDs with adjustable brightness and 20m distance
- Analog Video Output
- MicroSD card slot
- IP66 rated weatherproof and IK10 vandal-proof housing

- 3 Megapixel progressive scan CMOS sensor
- H.264 and Motion JPEG video streams
- Up to 20 fps at 2048 x 1536
- Day/night functionality with automatic removable IR-cut filter
- 24pcs IR LEDs with adjustable brightness and 20m distance
- 3.3 - 12mm, F1.4 megapixel vari-focal lens
- Screwless 3-axis design for easy camera angle adjustment
- Analog Video Output through RCA connector
- MicroSD card local storage
- Power over Ethernet (IEEE 802.3af)
- 1 x alarm input, 1 x alarm output
- External microphone and speaker
- IP66 rated weatherproof and IK10 vandal-proof housing
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- Multi-lingual user interface
- Supports ONVIF

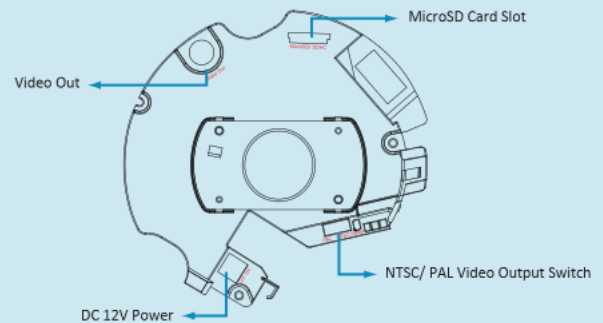
Technical Specifications

Camera	
Models	D7320 3 megapixel WDR day/ night outdoor dome
Image sensor	1/3" progressive scan megapixel CMOS sensor
Lens	3.3 - 12mm, F1.4 DC-iris megapixel vari-focal lens
Angle of view	26° ~ 86° horizontal
Digital zoom	10x digital
Min illumination	0.03 lux at F1.4 (color) 0.001 lux at F1.4 (b/w) 0 lux at F1.4 (IR LED on)
Dynamic Range	Up to 100dB
IR working distance	20m effective range Adjustable brightness via FW
IR LEDs	24 pcs (850nm)
Day/Night function	Mechanical IR cut filter Light sensor
Shutter time	1/2- 1/10000 sec.
Video	
Video compression	Motion JPEG H.264 baseline/ main/ high profile
Resolutions	Motion JPEG: 8 resolutions from 2048 x 1536 to 320 x 240 via API, 8 selections via configuration web page H.264: 8 resolutions from 2048 x 1536 to 320 x 240 via API, 8 selections via configuration web page
Frame rate	Motion JPEG: up to 20 fps at 2048 x 1536, up to 30 fps at 1920 x 1080 H.264: up to 20 fps at 2048 x 1536 up to 30 fps at 1920 x 1080
Video streaming	Simultaneous Motion JPEG, H.264 (3 streams) Controllable frame rate and bandwidth Support ISMA RTSP (Real time streaming protocol)
Image settings	Rotation: mirror, flip, mirror flip Wide Dynamic Range (100dB) Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy image
Audio	
Audio streaming	Two-way (full duplex) Line in/ line out
Audio compression	G.711 μ law, a law
Network	
Security	Multiple user access levels with password protection, HTTPS encryption
Supported protocols	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP, ISMA
Users	10 simultaneous users
Alarm and Event Support	
Alarm input/output	Alarm input 30V DC Alarm output Max 100mA
Alarm and event management	Input: alarm buffer, alarm input, motion detection

Alarm and event management Output: network storage, FTP, SMTP, HTTP event, alarm output
Pre-and post alarm buffer

System	
Connectors	RJ-45 for Ethernet 10/100 Base-T (with PoE) 2 pin terminal blocks for DC power Terminal blocks for alarm input/ alarm output, line in/ line out Reset push switch RCA connector for analog video output
Local storage	MicroSD/ SDHC card slot
Software integration	Support ONVIF v.2.20
Video management Software	ZAVIO CamGraba IP System software, for viewing, recording and archiving up to 64 cameras See http://www.zavio.com/suport_softwares.php For more software application
General	
Casing	Aluminum casing, IP66 rated weatherproof and IK10 vandal-proof housing
Power	12V DC Power consumption: Max. 8W PoE (Power over Ethernet) Built-in IEEE 802.3af
Operating conditions	-10 ~ 50 °C (14 ~ 122 °F)
Installation, management, and maintenance	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at www.zavio.com
Minimum web browsing requirement	Pentium 4 2.8GHz (or equivalent AMD) 256 MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Window 2000, 2003, XP, Vista, 7 or later Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	115 x 144(φ)mm (4.5" x 5.7")
Weight	835.3g (1.84lb) excl. power supply
Included accessories	Quick installation guide, CD (IP Surveillance Software, Intelligent IP Installer, user manuals, and language pack), mounting and connector kits
Certification	CE, FCC, RoHS

Physical Description



- Optional ZAVIO Outdoor Dome Bracket