

ECONOMICAL

10x ZOOM AF

3 MP IP CAMERA

Model	N70Q-10	N22Q-10	N56Q-10
			
Image Sensor	1/3" 3 MP		
WDR	N/A		
Num. of Effective Pixels	2048 x 1536 HxV		
Lens	10x Optical Zoom: 5.1~51mm, F1.6		
F.O.V. (Horizontal)	54° (Wide)~4.9° (Tele)		
Minimum Illumination	0.1 Lux, 0 Lux (IR On)		
Shutter Time (Sec.)	1/3~1/15000 or 1/4~1/15000 Selectable		
Auto Iris	DC Drive		
S/N Ratio	More than 39 dB		
Day/Night	Yes, Built-in ICR, <10 Lux IR Enabled		
Video Compression	Motion JPEG, MPEG-4, H.264 High Profile		
H.264/MJPEG	20 fps: 3 MP; 30 fps: HD-1080p, HD-720p, SXGA, 1024 x 768, 800 x 600, D1, VGA, QVGA, QQVGA		
MPEG4	30 fps: HD-1080p, HD-720p, SXGA, 1024 x 768, 800 x 600, D1, VGA, QVGA, QQVGA, Minilux Mode		
Video Streaming	Multiple Stream: Controllable Framerate and Bandwidth CBR/VBR		
Video Output	N/A		
Image Setting	Compression, Brightness, Contrast, Mirroring, Sharpness, AWB, AES, AGC, BLC, Day/Night Mode, WDR		
Audio Compression	N/A	G.711, G.726, AAC	N/A
Audio Input	N/A	Line In x 1	N/A
Audio Output	N/A	Line Out x 1	N/A
Security	Password Protection, IP Address Filtering, User Access Privilege		
Network Protocols	TCP/IP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DynDNS, NTP, FTP, SMTP, RTP, RTSP, RTCP, 3GPP, UPnP, IPv4, SAMBA Client (NAS), IGMP, ICMP, ARP		
Intelligent Video	Video Motion Detection		
Alarm Trigger	Periodic Timer, Intelligent Video		
Alarm Event	Intelligent Video, File Upload via FTP and E-mail, E-mail Notification with Snapshot Attachment, File Recording to microSD Card Remote FTP or Remote NAS		
Web Browser	Microsoft IE, Mozilla Firefox, Google Chrome		
Local Storage	microSD/SDHC Card Support		
Casing	Metal (Aluminum), IP67, Vandal-proof		IP66, Vandal-proof
Dimension	71 (W) x 103 (H) x 159.6 (D) mm		141 (W) x 206 (H) x 235 (D) mm
Weight	720 g		2050 g
Pan/Tilt Movement	N/A	Pan: 360° Endless, Tilt: 186°	
Pan/Tilt Speed	N/A	Pan: 200°/Sec. Max., Tilt: 80°/Sec. Max.	
Power	Power over Ethernet IEEE 802.3af, Max. 7.8 W, 12 Vdc	Max. 25 W, 12 Vdc	
I/O Connectors	1. RJ-45 Female Type 10BASE-T/100BASE-TX 2. DC Power Jack for 12 Vdc Input 3. microSD Card Slot	1. RJ-45 Female Type 10BASE-T/100BASE-TX 2. DC Power Jack 3. Audio Line In/Out	1. RJ-45 Female Type 10BASE-T/100BASE-TX 2. DC Power Jack for 12 Vdc Input 3. microSD Card Slot
Failover	microSD/SDHC Auto-recovery, Reset		
Operating Conditions	-25°C~55°C (-13°F~131°F) Humidity: 20%~85% RH		
Wireless Support	N/A		
Included Accessories	QIG, CD-ROM (User Manual, Free Bundle NVR), Bracket	QIG, Power Adaptor, CD-ROM (User Manual, Free Bundle NVR), Bracket	QIG, Power Adaptor, CD-ROM (User Manual, Free Bundle NVR)
Approvals	FCC Part15 Subpart B, CE EN55022 Class B, EN55024, LVD, RoHS	FCC Part15 Subpart B, CE EN55022 Class A, EN55024, LVD, RoHS	FCC Part15 Subpart B, CE EN55022 Class B, EN55024, LVD, RoHS
IR Range	15 M	40 M	15 M
IR Wavelength	850 nm		

ECONOMICAL LOW-LIGHT 1.3 MP IP CAMERA

Model	N53U-BL	N70A-BL
		
Image Sensor	1/2.8" 2 MP	1/3" 1.3 MP
WDR	N/A	
Num. of Effective Pixels	1920 x 1080 HxV	1280 x 1024 HxV
Lens	3.6 mm, F1.8	
F.O.V. (Horizontal)	81°	78°
Minimum Illumination	0.05 Lux	0.05 Lux, 0 Lux (IR On)
Shutter Time (Sec.)	1/3~1/15000 or 1/4~1/15000 Selectable	
Auto Iris	N/A, Fixed Iris	
S/N Ratio	More than 39 dB	
Day/Night	Day Only	Yes, Built-in ICR, <10 Lux IR Enabled
Video Compression	Motion JPEG, MPEG-4, H.264 High Profile	
H.264/MJPEG	30 fps: HD-1080p, HD-720p, SXGA, 1024 x 768, 800 x 600, D1, VGA, QVGA, QQVGA	30 fps: SXGA, 1024 x 768, 800 x 600, D1, VGA, QVGA, QQVGA
MPEG4	30 fps: HD-1080p, HD-720p, SXGA, 1024 x 768, 800 x 600, D1, VGA, QVGA, QQVGA, Minilux Mode	30 fps: SXGA, 1024 x 768, 800 x 600, D1, VGA, QVGA, QQVGA
Video Streaming	Multiple Stream: Supports up to 4 Independent Streams with ROI (Region of Interest) Feature, Controllable Framerate and Bandwidth CBR/VBR	
Video Output	N/A	
Image Setting	Compression, Brightness, Contrast, Mirroring, Sharpness, AWB, AES, AGC, BLC, Day/Night Mode, WDR, 4 Privacy Mask Regions	
Audio Compression	G.711, G.726, AAC	N/A
Audio Input	Built-in Microphone	N/A
Audio Output	Line Out x 1	N/A
Security	Password Protection, IP Address Filtering, User Access Privilege	
Network Protocols	TCP/IP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DynDNS, NTP, FTP, SMTP, RTP, RTSP, RTCP, 3GPP, UPnP, IPv4, SAMBA Client (NAS), IGMP, ICMP, ARP	
Intelligent Video	Video Motion Detection, Tamper Detection	Video Motion Detection
Alarm Trigger	Periodic Timer, Intelligent Video	
Alarm Event	Intelligent Video, File Upload via FTP and E-mail, E-mail Notification with Snapshot Attachment, File Recording to microSD Card Remote FTP or Remote NAS	
Web Browser	Microsoft IE, Mozilla Firefox, Google Chrome	
Local Storage	microSD/SDHC Card Support	
Casing	Vandal-proof	Metal (Aluminum), IP67, Vandal-proof
Dimension	80 (Ø) x 105.8 (H) mm	71 (W) x 103 (H) x 139.6 (D) mm
Weight	276 g	720 g
Power	Power over Ethernet IEEE 802.3af, Max. 4.5 W	
I/O Connectors	1. RJ-45 Female Type 10BASE-T/100BASE-TX 2. Reset 3. Audio Line Out 4. microSD Card Slot	1. RJ-45 Female Type 10BASE-T/100BASE-TX 2. DC Power Jack for 12 Vdc Input 3. microSD Card Slot
Failover	microSD/SDHC Auto-recovery, Reset	
Operating Conditions	-10°C~50°C (14°F~122°F) Humidity: 20%~80% RH	-25°C~55°C (-13°F~131°F) Humidity: 20%~85% RH
Wireless Support	N/A	
Included Accessories	QIG, CD-ROM (User Manual, Free Bundle NVR)	QIG, CD-ROM (User Manual, Free Bundle NVR), Bracket
Approvals	FCC Part15 Subpart B, CE EN55022 Class A, EN55024, LVD, RoHS	
IR Range	N/A	15 M
IR Wavelength	N/A	850 nm