

Camera features	DIGITUS® OptiVision Pro	DIGITUS® OptiView Pro	DIGITUS® OptiPan	DIGITUS® OptiDome	DIGITUS® OptiGuard	DIGITUS® OptiVario	DIGITUS® OptiDome Pro	DIGITUS® OptiZoom Pro
Product	DIGITUS® OptiVision Pro	DIGITUS® OptiView Pro	DIGITUS® OptiPan	DIGITUS® OptiDome	DIGITUS® OptiGuard	DIGITUS® OptiVario	DIGITUS® OptiDome Pro	DIGITUS® OptiZoom Pro
INDOOR  OUTDOOR								
Article no.	DN-16047	DN-16046	DN-16029	DN-16038	DN-16049	DN-16039	DN-16043	DN-16048
Name	Wireless 1 Megapixel Day & Night mini IP camera	Wireless 1 Megapixel Day & Night cube IP camera	Wireless 2 Megapixel Day & Night IP camera with pan and tilt function	Wireless 2 Megapixel Day & Night Dome camera	Wireless 2 Megapixel Day & Night Bullet IP camera	Wireless 2 Megapixel Day & Night Bullet IP camera	Wireless 2 Megapixel Day & Night Dome IP camera	Day & Night pan-, tilt and zoom- able IP Dome camera
<b>Environment</b>								
In-/ outdoor use	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor	Außenbereich	Outdoor
Day/ night	Day & night	Day & night	Day & night	Day & night	Day & night	Day & night	Tag & Nacht	Day & night
<b>Network connection</b>								
LAN connection	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Wireless	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n
Wireless encryption	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK	WEP 64/128 bit, WPA-PSK, WPA2-PSK
<b>Video/Audio specifications</b>								
Video compression (H.264/MPEG4/MJPEG)	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Video remote control	✓	✓	✓	✓	✓	✓	✓	✓
Video adjustment	Brightness, contrast, saturation	Brightness, contrast, saturation	Brightness, contrast, saturation	Brightness, contrast, saturation	Brightness, contrast, saturation	Brightness, contrast, saturation	Brightness, contrast, saturation	Brightness, contrast, saturation
Audio input	-	-	-	-	-	-	-	-
Audio output	✓	✓	✓	-	-	-	-	-
<b>Camera specifications</b>								
Sensor	1/4" 1.0 Megapixel CMOS sensor	1/4" 1.0 Megapixel CMOS sensor	1/3" 3.5 Megapixel CMOS sensor	1/3" 5.0 Megapixel CMOS sensor	1/2.5" 5.0 Megapixel CMOS sensor	1/2.5" 5.0 Megapixel CMOS sensor	1/2.5" 5.0 Megapixel CMOS sensor	1/2.5" 5.0 Megapixel CMOS sensor
Pixels	"1280 (H) x 720 (V) <NTSC> / <PAL>"	"1280 (H) x 720 (V) <NTSC> / <PAL>"	"1920(H) x 1080 (V) <NTSC> / <PAL>"	"1920(H) x 1080 (V) <NTSC> / <PAL>"	"1920(H) x 1080 (V) <NTSC> / <PAL>"	"1920(H) x 1080 (V) <NTSC> / <PAL>"	"1920(H) x 1080 (V) <NTSC> / <PAL>"	"1920(H) x 1080 (V) <NTSC> / <PAL>"
Lens	F1.2 f2.8mm	F1.2 f2.8mm	F1,5 / 3,6mm	F1,5 / 3,6mm	F1,5 / 3,6mm	F1,4 / 2,8-12mm	F1,4 / 2,8-12mm	F2.0 f2.8-12mm
Horizontal viewing ang	85°	85°	69°	69°	69°	20°- 65°	20°- 65°	95.5°-30.8°
Min. illumination (without Infrared LED)	0.5LUX/F1.2	0.5LUX/F1.2	1LUX/F1,5	1LUX/F1,5	1LUX/F1,5	0,5LUX/F1,4	0,5LUX/F1,4	0.5LUX/F2.0
Shutter speed	-	1/30 to 1/5.000 sec.	1/30 to 1/5.000 sec.	1/30 to 1/5.000 sec.	1/30 to 1/5.000 sec.	1/30 to 1/5.000 sec.	1/30 to 1/5.000 sec.	1/30 to 1/5.000 sec.
Infrared LED	12 IR-LEDs (10m)	12 IR-LEDs (10m)	12 IR-LEDs (8m)	12 IR-LEDs (8m)	36 IR-LEDs (20m)	42 IR-LEDs (40m)	30 IR-LEDs (20m)	6 high performance IR-LEDs (30m)
Infrared sensitivity range	850 nanometer	850 nanometer	850 nanometer	850 nanometer	850 nanometer	850 nanometer	850 nanometer	850 nanometer
BLC	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White balance	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
AGC	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Focus	Fixed focus	Fixed focus	Fixed focus	Fixed focus	Fixed focus	Vari-focal	Vari-focal	Auto-focus, 4fx zoom module
Protection class (outdoor surroundings)	-	-	-	-	IP66	IP66	IP66/IK10	IP66/IK10
<b>P/T/Z support</b>								
Pan	-	-	270°	-	-	-	-	355°
Tilt	-	-	90°	-	-	-	-	90°
Zoom	-	-	-	-	-	-	-	4x Optical zoom
Max. zoom speed	-	-	-	-	-	-	-	2s

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<b>Protocols</b>								
DDNS // DHCP // SMTP // HTTP // RTSP // ICMP // TCP/IP // FTP	✓	✓	✓	✓	✓	✓	✓	✓
UPnP // NTP // RTP // SNTP	✓	✓	✓	✓	✓	✓	✓	✓
<b>Features</b>								
Internal storage	-	-	-	✓	✓	✓	✓	✓
Web management	✓	✓	✓	✓	✓	✓	✓	✓
Security (Multiple user access levels with password)	✓	✓	✓	✓	✓	✓	✓	✓
Supports mobile surveillance (iOS & Android)	✓	✓	✓	✓	✓	✓	✓	✓
Remote control	✓	✓	✓	✓	✓	✓	✓	✓
Motion detection	✓	✓	✓	✓	✓	✓	✓	✓
GPIO input/output	-	-	1 in / 1 out	-	-	-	-	-
PIR	-	-	-	-	-	-	-	-
Alarm an event notification	Notification to smart phones/tablets	Notification to smart phones/tablets	Notification to smart phones/tablets	Notification to smart phones/tablets	*Notification to smart phones/tablets	Notification to smart phones/tablets	Notification to smart phones/tablets	Notification to smart phones/tablets
Supports microSD-card for local storage	✓	✓	✓	-	-	-	-	-
Cloud storage	✓	✓	✓	✓	✓	✓	✓	✓
Smart light control	✓	✓	✓	✓	✓	✓	✓	✓
IR shift	✓	✓	✓	✓	✓	✓	✓	✓
<b>Software minimum requirements</b>								
Browser for web management	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"	"Internet Explorer 7.0 / Firefox 3.6 / Google Chrome 7.0 / Apple Safari 4.0"
<b>General</b>								
Weight	150 g	175 g	400 g	380 g	650 g	880 g	832 g	1710 g
Dimensions (L/B/H)	85,5 x 33 x 112,2 mm	40 x 62,5 x 97mm	100 x 99 x 118 mm	Ø115 x 90 mm	140 x 75 x 80 mm	90 x 70 x 235 mm	Ø140 x 110 mm	235 x 190 x 140 mm
Operating temperature (~)	0°C – +40°C	0°C – +40°C	0°C – +40°C	0°C – +40°C	-20°C – +60°C	-10°C – +50°C	-10°C – +50°C	-10°C – +50°C
Operating humidity (~)	0% - 90%	0% - 90%	0% - 90%	20% - 85%	20% - 85%	20% - 85%	20% - 85%	20% - 85%
Power source / consumption	DC5 V / 1 A	DC5 V / 2 A	DC5 V / 2 A	DC12 V / 1 A	DC12 V / 1 A	DC12 V / 1 A	DC12 V / 1 A	DC12 V / 2 A
Supports PoE (Power over Ethernet)	-	-	-	-	-	(802.3af)	(802.3af)	(802.3at)
Suitable power adapter	DC5 V / 1 A	DC5 V / 2 A	DC5 V / 2 A	DC12 V / 1 A	DC12 V / 1 A	DC12 V / 1 A	DC12 V / 1 A	DC12 V / 2 A
Power adapter included	✓	✓	✓	✓	✓	✓	✓	✓

