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GANZ *Lite* LITE SERIES







2013



| Technical specifications | LYB-IR49PS | LYB-IR212PS | LYX-IR922PS | LYB-IR49PS-CB | LYB-IR212PS-CB | LYB-SIR212PS | LYB-SIR622PS |
|--------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------|---------------------------|
| Video system | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC |
| Scanning system | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced |
| Sensor | 1/3" Sony HAD CCD | 1/3" Sony HAD CCD | 1/3" Sony ExView HAD CCD II | 1/3" Sony Super HAD CCD | 1/3" Sony Super HAD CCD | 1/3" Sony Super HAD CCDII | 1/3" Sony Super HAD CCDII |
| Effective Pixel (H x V) | 795 x 596 | 795 x 596 | 1020 x 596 | 795 x 596 | 795 x 596 | 752 x 582 | 752 x 582 |
| Video output | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC |
| Horizontal lines | 650 TVL | 650 TVL | 700 TVL | 650 TVL | 650 TVL | 650 TVL | 650 TVL |
| Minimum illumination | 0,001 Lux / 0 Lux (IR on) | 0,001 Lux / 0 Lux (IR on) | 0,001 Lux / 0 Lux (IR on) | 0.001 Lux (0 Lux (IR on)) | 0.001 Lux (0 Lux (IR on)) | 0.001 Lux (0 Lux (IR on)) | 0.001 Lux (0 Lux (IR on)) |
| Day-/Nightswitching | Electronical | Electronical | Electronical | Electronical | Electronical | Electronical | Electronical |
| Lens | 4mm - 9mm | 2,8mm - 12mm | 9mm - 22mm | 4mm - 9mm | 2.8mm - 12mm | 2,8mm - 12mm F1.4 | 6mm - 22mm F1.4 |
| Electronic shutter | 1/50 - 1/100000 | 1/50 - 1/100000 | 1/50 - 1/100000 | 1/50 - 1/100000 | 1/50 - 1/100000 | 1/50 - 1/100000 | 1/50 - 1/100000 |
| White balance | ATW/AWB/AWC/MANUAL/INDOOR/ OUTDOOR | ATW/AWB/AWC/MANUAL/INDOOR/ OUTDOOR | ATW/AWB/AWC/MANUAL/INDOOR/ OUTDOOR | ATW/AWB/AWC/MANUAL/INDOOR/ OUTDOOR | ATW/AWB/AWC/MANUAL/INDOOR/ OUTDOOR | ATW/MANUAL | ATW/MANUAL |
| WDR | Yes (digital) | Yes (digital) | - | Yes (digital) | Yes (digital) | Yes (digital) | Yes (digital) |
| BLC | OFF/BLC/HSBLC | OFF/BLC/HSBLC | OFF/BLC/HSBLC | Yes | Yes | Yes | Yes |
| Motion detection | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Privacy masking | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| DNR | 3DNR | 3DNR | 3DNR | 3DNR | 3DNR | 2DNR | 2DNR |
| IR-LEDs | Yes, ca. 40m Range | Yes, ca. 40m Range | Yes, ca. 60m Range | Yes, ca. 40m Range | Yes, ca. 40m Range | Yes, ca. 40m Range | Yes, ca. 60m Range |
| Protection class | IP66 | IP66 | IP66 | IP66 | IP66 | IP66 | IP66 |
| Heater | Optional | Optional | Optional | - | - | Yes | Yes |
| S/N ratio | >48dB | >48dB | >48dB | >48dB | >48dB | >50dB | >50dB |
| Operating voltage | 12VDC | 12VDC | 12VDC | 12VDC | 12VDC | 12VDC/24VAC | 12VDC/24VAC |
| Power consumption | 600mA max. | 600mA max. | 800mA max. | 600mA max. | 600mA max. | 850mA max. | 850mA max. |
| Operating temperature | -20°C - 45°C | -20°C - 45°C | -20°C - 45°C | -20°C - 45°C | -20°C - 45°C | -40°C - 50°C | -40°C - 50°C |
| Dimensions (B x H x T) | 220mm x 120mm x 83mm | 220mm x 120mm x 83mm | 200mm x 171mm x 83mm | 200mm x 171mm x 83mm | 240mm x 186mm x 100 | 200mm x 171mm x 83mm | 240mm x 186mm x 100 |
| Weight | 1.1kg | 1.1kg | 1.3kg | 1.14kg | 1.3kg | 1.14kg | 1.3kg |



| Technical specifications | LFTB-IR3.6PS | LTB-IR3.6PS | LTB-IR49PS | LTX-IR212PS | LDWB-49PS | LTNX-IR212A |
|--------------------------|---------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------|--------------------|
| Video system | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC | PAL/NTSC |
| Scanning system | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced | 2 :1 Interlaced |
| Sensor | 1/3" Sony Effio-E ExView CCD II | 1/3" Sony Super HAD CCD | 1/3" Sony Super HAD CCD | 1/3" Sony ExView HAD CCD II | 1/3" Pixim CMOS | 1/3" CCD |
| Effective Pixel (H x V) | 976 x 582 | 795 x 596 | 795 x 596 | 1020 x 596 | 752 x 582 | 752 x 582 |
| Video output | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC |
| Horizontal lines | 650 TVL | 650 TVL | 650 TVL | 700 TVL | 690 TVL | 650 TVL |
| Minimum illumination | 0 lux (IR on) | 0,001 Lux / 0 Lux (IR on) | 0,001 Lux / 0 Lux (IR on) | 0,001 Lux / 0 Lux (IR on) | 0,1 lux | 0 Lux (IR on) |
| Day-/Nightswitching | Electronical | Electronical | Electronical | Electronical | Electronical | Mechanical |
| Lens | 3.6 mm | 3.6 mm | 4mm - 9mm | 2.8mm - 12mm | 4mm - 9mm | 2.8mm - 12mm |
| Electronic shutter | 1/50 - 1/10000 | 1/50 - 1/100000 | 1/50 - 1/100000 | 1/50 - 1/100000 | - | 1/50 - 1/100000 |
| White balance | Auto (AGC, BLC) | ATW/AWB/AWC/MANUAL/INDOOR/OUT-DOOR | ATW/AWB/AWC/MANUAL/INDOOR/OUT-DOOR | ATW/AWB/AWC/MANUAL/INDOOR/OUT-DOOR | ATW, AWB | ATW/MANUAL |
| WDR | - | Yes (digital) | Yes (digital) | - | Yes, 120dB max. | Yes (digital) |
| BLC | Auto | OFF/BLC/HSBLC | OFF/BLC/HSBLC | OFF/BLC/HSBLC | - | An / Aus / HSBLC |
| Motion detection | - | Yes | Yes | Yes | - | Yes |
| Privacy masking | - | Yes | Yes | Yes | - | Yes |
| DNR | - | 3DNR | 3DNR | 3DNR | 3DNR | 3DNR |
| IR-LEDs | Yes, ca. 15m Range | Yes, ca. 20m Range | Yes, ca. 30m Range | Yes, ca. 30m Range | - | Yes, ca. 20m Range |
| Protection class | IP66 | IP66 | IP66 | IP66 | - | IP66 |
| Heater | - | - | - | - | - | - |
| S/N ratio | >50 dB | >48dB | >48dB | 52dB | >50 dB | 52dB |
| Operating voltage | 12V DC | 12V DC | 12V DC | 12V DC | 12V DC | 12V DC / 24V AC |
| Power consumption | 90mA (320mA IR an) | 400mA max. | 500mA max. | 500mA max. | 150mA | 250mA |
| Operating temperature | -15°C - 45°C | -20°C - 45°C | -20°C - 45°C | -20°C - 45°C | -10°C - 50°C | -10°C - 50°C |
| Dimensions | 110mm x 58mm | 94mm x 69mm | 131mm x 93mm | 131mm x 93mm | 127mm x 91mm | 148mm x 112mm |
| Weight | 259g | 400g | 800g | 800g | 550g | 850g |

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|--------------------------|---|---|--|---|
| Technical specifications | LCNX-PS | LCNX-PES | LCWB-P | LCWB-PE |
| Video system | PAL/NTSC | PAL/NTSC | PAL | PAL/NTSC |
| Scanning system | 2 :1 Interlaced | 2 :1 Interlaced | 1.0 Vs-s; 75 Ohm | 2 :1 Interlaced |
| Sensor | 1/3" 960H High Sensivity CCD | | 1/3" Pixim CMOS | 1/3" Pixim CMOS |
| Effective Pixel (H x V) | 960 x 582 | 960 x 582 | 976 x 582 | 976 x 582 |
| Video output | 1.0Vp-p 75 Ohm BNC | 1.0Vp-p 75 Ohm BNC | 976 x 582 | 976 x 582 |
| Horizontal lines | 700 TVL | 700 TVL | 690 TVL | 690 TVL |
| Minimum illumination | 0.01 lux | 0.01 lux | 0,1 lux | 0,1 lux |
| Day-/Nightswitching | Mechanical | Mechanical | Mechanical | Mechanical |
| Objektivanschluß | CS-Mount | CS-Mount | CS-Mount | CS-Mount |
| Electronic shutter | 1/50 - 1/100000 | 1/50 - 1/100000 | Low speed shutter | Low speed shutter |
| White balance | ATW/MANUAL/USER | ATW/MANUAL/USER | ATW/AWBLock | ATW/AWBLock |
| WDR | Yes (digital) | Yes (digital) | Yes, max. 120dB | Yes, max. 120dB |
| BLC | Yes | Yes | - | - |
| Motion detection | Yes | Yes | - | - |
| Privacy masking | Yes | Yes | - | - |
| DNR | 2DNR | 2DNR | 3DNR | 3DNR |
| S/N ratio | >50dB | >50dB | 50 B | 50 B |
| Operating voltage | 12VDC | 230VAC | 24 VAC / 12 VDC | 230VAC |
| Power consumption | 90mA | 7mA | 100mA (24VAC) | |
| Operating temperature | -10°C - 50°C | -10°C - 50°C | -10°C - 50°C | -10°C - 50°C |
| Dimensions | 127mm x 52mm x 60mm | 127mm x 52mm x 60mm | 70mm x 56mm x 136mm | 70mm x 56mm x 136mm |
| Weight | 170g | 400g | 450g | 650g |






LME17



LME19

| Technical specifications | LME17 | LME19 |
|-------------------------------|----------------------------|---------|
| Screen size | 17" | 19" |
| Resolution | 1280 x 1024, 16.7M colours | |
| Aspect ratio | 4:3 | |
| Angle of view (L/R) | 170° / 160° | |
| Luminosity | 300 cd/m ² | |
| Contrast range | 10.000 : 1 | |
| Video in-/outputs | 2x BNC, VGA, HDMI / 2x BNC | |
| Audio in-/outputs | PC Stereo, RCA / RCA | |
| Speaker | 2x 1,5 Watt | |
| 3D Comb Filter / De-Interlace | Yes / Yes | |
| PIP / POP | Yes / Yes | |
| VESA connection | 75 mm x 75 mm | |
| Operating voltage | 12 VDC (Netzteil 230V) | |
| Power consumption | 20 Watt | 25 Watt |
| Weight | 3.2 kg | 3.3 kg |

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|------------------------------|---|---|---|
| Technical specifications | LR04 | LR08 | LR16 |
| Video standard | PAL / NTSC | | |
| Compression format | H.264 | | |
| Live display | PIP, 2x - 8x digital zoom | | |
| Video input | 4 x BNC 1 Vp-p/75Ω | 8 x BNC 1 Vp-p/75Ω | 8 x BNC 1 Vp-p/75Ω |
| Spot out | - | - | 1 x BNC 1 Vp-p/75Ω |
| Audio input | 1 x Audio-In | | |
| Audio output | 1 x Audio-Out | | |
| Monitor output | VGA, BNC | | |
| Alarm input | 4 x Alarm-In | 8 x Alarm-In | |
| Alarm output | 1 x Alarm-Out (Relay) | | |
| Hard disk quantity | 1 x SATA | | |
| Operating system | LINUX OS / Triplex | | |
| Recording format | CIF, 2CIF, 4CIF | | |
| Recording mode | Continuous / Motion / Alarm | | |
| Recording rate | 352 x 288: 100fps 704 x 288: 100fps 704 x 576: 100fps | 352 x 288: 200fps 704 x 288: 200fps 704 x 576: 100fps | 352 x 288: 400fps, 704 x 288: 200fps, 704 x 576: 100fps |
| Events | Motion / Videoloss / External alarm | | |
| Movement sensor | 22 x 15 field | | |
| Interfaces | RS485, 10/100BaseT, 2 x USB | | |
| Time/date settings | GMT timezone, Auto DST, NTP | | |
| Remote access | Symbian, Win Mobile, Black Berry, iPhone, Android | | |
| Remote access functions (IE) | Internet Explorer | | |
| Data export | USB | | |
| Control protocols | PELCO-P, PELCO-D, KND, LI-LIN, SAMSUNG, LG, AV TECH | | |
| Access authorisation | Userprivileges selectable, password protection | | |
| Operating environment | 0°C - 40°C | | |
| Operating voltage | 12VDC | | |
| Dimensions (W x H x D) | 250mm x 50mm x 200mm | | |
| Weight | 0.77kg | | |
| Accessories (incl.) | Remote control, power supply, CD | | |

Wireless Touch PAD LRA-WTP



- Wireless Touch Handwriting Pad for DVRs
- Sender frequency 2.4GHz
- Range: Up to 10m
- Supported OS: Windows, Linux based H.I.D