



Technical Characteristics of **GDV** devices

GDV Pro Camera



1. Operating conditions:
 - air temperature from +10°C to +35°C;
 - relative air humidity up to 75% at +30°C;
 - air pressure from 84 to 106.7 kPa (630 – 800 mm/Hg).
2. Operation - from an external power supply 12±1 V DC.
3. Maximal power consumption – no more than 35 W.
4. Weight with accessories – no more than 5 kg.
5. Overall dimensions – no more than 210 x 390 x 120 mm.
6. Pulse repetition frequency 1000±100 Hz.
7. Single pulse duration – no more than 10 μs.
8. Automatic exposure – 0.5 s; 1.0 s; 2 - 32 s.
9. USB-port control of the operation and image transmission to the computer.
10. Operation during 8 hours in an off and on operating mode: 30 min of operation should be followed by a 5 min break.
11. Average lifetime – no less than 4 years.

GDV Compact



1. Operating conditions:
 - air temperature from +10°C to +35°C;
 - relative air humidity up to 75% at +30°C;
 - air pressure from 84 to 106.7 kPa (630 – 800 mm/Hg).
2. The GDV Compact operates either from an external power source 12±1 VDC, or from battery (option).
3. Maximal power consumption – no more than 20 W.
4. Weight with accessories – no more than 4.5kg.
5. Overall dimensions – no more than 250 x 200 x 130 mm.
6. Pulse repetition frequency 1000±100 Hz.
7. Single pulse duration – no more than 10 μs.
8. USB-port control of the operation and image transmission to the computer
9. Operation during 8 hours in an off and on operating mode: 30 min of operation should be followed by a 10 min break.
10. Average lifetime – no less than 4 years

GDV EXPRESS



1. Operating conditions:
 - air temperature from +10°C to +35°C;
 - relative air humidity up to 75% at +30°C;
 - air pressure from 84 to 106.7 kPa (630 – 800 mm/Hg).
2. Operation from an external power source 12±1 V DC.
3. Maximal power consumption – no more than 50 W.
4. Weight with accessories – no more than 10 kg.
5. Overall dimensions – no more than 470 x 266 x 130 mm.
6. Pulse repetition frequency 1000±100 Hz.
7. Single pulse duration – no more than 10 μs.
8. USB-port control of the operation and image transmission to the computer.
9. Operation during 8 hours in an off and on operating mode: 30 min of operation should be followed by a 20 min break.
10. Average lifetime – no less than 4 years.

GDV+



1. Operating conditions:
 - air temperature from +10°C to +35°C;
 - relative air humidity up to 75% at +30°C;
 - air pressure from 84 to 106.7 kPa (630 – 800 mm/Hg).
2. Weight with accessories – no more than 1.5 kg.
3. Overall dimensions – no more than 210 x 140 x 98 mm.
4. Pulse repetition frequency 1000±100 Hz.
5. Automatic exposure – 0.5 s; 1.0 s; 2 - 32 s.
6. Start of active mode – no less than 20 min after switching it on.
7. Average lifetime – no less than 4 years.

GDV Fifth Element



1. Operating conditions:
 - air temperature from +10°C to +30°C;
 - relative air humidity up to 75% at +30°C;
 - air pressure from 84 to 106.7 kPa (630 – 800 mm/Hg).
2. Weight – no more than 2.5 kg.
3. Overall dimensions – no more than 135 x 273 x 146 mm.
4. Operation from an internal power source (battery) 12±1 VDC.
5. Maximal power consumption – no more than 10 W.
6. Number of input channels – 5.
7. Average lifetime – no more than 4 years.