List of the equipment compliant with ISON

1. Telescope optical tube
   - Design: reflector
   - Minimum aperture: 20 cm
   - Field of view with no significant aberrations: not less than 1° x 1° in CCD/CMOS images.
   - Manufacturers: ASA, Celestron RASA, PlaneWave Instruments, custom-made and others (consultation is required)

2. CCD/CMOS camera
   - Monochrome
   - ASCOM compatible
   - Minimum sensor diagonal: 50 mm
   - Minimum sensor dimensions: 2048 x 2048
   - Cooling below ambient: at least up to 50°C
   - PPS time synchronization
   - Manufacturers: FLI, others (consultation is required)

3. Telescope mount
   - Equatorial mount
   - Specifications of the mount correspond to the optical tube
   - ASCOM compatible
   - Slewing speed for each axis: not less than 1°/sec
   - Maximum supported tracking speed for each axis: not less than 100 arcsec/sec
   - Manufacturers: Sky-Watcher, Orion, Astro-Physics, others (consultation is required)

4. Motorized focuser
   - ASCOM compatible
   - Manufacturers: FLI, others (consultation is required)

5. Motorized filter wheel
   - Number of positions: 6
   - ASCOM compatible
   - Manufacturers: FLI, others (consultation is required)
6. Telescope control computer (minimum recommended specifications)
   - CPU: 3.6 GHz
   - RAM: 12 Gb
   - SSD: 256 Gb
   - HDD: 1Tb

7. Computer for data processing (minimum recommended specifications)
   - CPU: 8-core, 4.4 GHz
   - RAM: 32 Gb
   - SSD: 256 Gb
   - HDD: 2 Tb