General parameters	
Field of view	$12^\circ \times 12^\circ$
Aperture	1 m × 1 m
Optics	
Focal Length	1.62 m
Focal Point Spread (RMS)	2.6 mm
Focal Surface	
Curvature Radius	2.5 m
Number of Pixels	2304
Pixel field of view	$0.25^\circ \times 0.25^\circ$
Pixel size	2.88 mm×2.88 mm
BG3 UV Filter transmittance	98 %
Wavelength range	290 nm - 430 nm
Number of MAPMTs	6 × 6
PhotoDetection (MAPMTs)	
Number of channels	64
Photo detection efficiency	$\sim$ 35 %
Gain	10^6
Pulse duration	2 ns
Two pulses separation	5 ns
Dynamic Range	$\sim$ 1 - 1000 photons/μs
Maximum tube current	100 μA
Signal Measurement (ASIC)	
Photon Counting (64 ch), photoelectrons	0.3 pe (50 fC) - 30 pe (5 pC)
Charge to Time Conv (8 ch)	2 pC (10 pe) - 200 pC (100 pe)
Shapping time	30 ns
Sampling period (GTU)	2.5 μs
Readout Clock	40 MHz
Triggers (FPGA, Virtex 6 (L1) and Virtex 4 (L2))	
L1 rate	7 Hz (1-100 Hz)
L2 rate	Max 50 Hz
Event readout and DAQ (CPU, Clocks, GPS)	
Event size	330 kB
Data flow	3.24 Mb/s
Readout Clock	40 MHz
Event dating	at μs level