XMCR32-SA0351-3XHT

No.	ITEM	SPECIFICATION	
1	Model	XMCR32-SA0351-3XHT	
2	Sensor Type	Uncooled microbolometer	
3	Pixel Count(Measuring)	320 x 256	
4	Communication	Gigabit Ethernet	
5	Frame Rate	Max 60Hz	At outputting data from the camera
6	Wavelength	7.5μm～13μm	Design criteria
7	Integration Time	12ms	Design criteria
8	Mount	It can be attached with a 1/4-inch screw (UNC1/4-20)	
9	Temperature Range for measurement	25～100℃ 35～400℃	
10	Operating Ambient Temperature	18～28℃ Stable	
11	Measurement Accuracy	±5°C or 5% of the larger value (to be compared with the value of the VOI blackbody furnace)	
12	Field of View	1.81(H) x 1.45(V)mm ±5%	Design criteria
13	Spatial Resolution	8.7μm (5.7μm pitch @1 pixel)	Design criteria at the center
14	Working Distance	Focus within the range of 11mm ± 10%	Design criteria
15	Software	ThermalViewX App (XSW-MCR) Type S	
16	Computer	Windows PC(Win7, 10)	
17	CPU/Memory	4 core CPU, 16GB memory or larger recommended:	
18	License	License dongle	