

# Technical Parameters

Mars 1717X

|                            |                                       |                                                                   |                |
|----------------------------|---------------------------------------|-------------------------------------------------------------------|----------------|
| Detector Technology        | Amorphous Silicon                     | Full Image Time (s)                                               | 3              |
| Scintillator               | Csl                                   | Dimensions (mm <sup>3</sup> )                                     | 460 × 460 × 15 |
| Active Area (inch)         | 17 × 17                               | Weight (kg)                                                       | 3.4            |
| Pixel Matrix               | 4267 × 4267                           | Static Loading (kg)                                               | 300 Uniformly  |
| Pixel Pitch (μm)           | 100                                   | Ingress Protection                                                | IP56           |
| Spatial Resolution (lp/mm) | 4.3                                   | Operating Temperature (°C)                                        | 10~35          |
| AD Conversion (bit)        | 16                                    | Storage & Transport Temperature with Package (°C)                 | -20~55         |
| Battery Autonomy (h)       | 8                                     | Operating Humidity (% RH) (Non-Condensing)                        | 5~90           |
| WIFI                       | 2.4G and 5G,<br>IEEE802.11 a/b/g/n/ac | Storage & Transport Humidity with Package (% RH) (Non-Condensing) | 5~95           |
| Trigger Mode               | AED (optional) / Software             |                                                                   |                |

\* This document cannot be considered to be a contractual specification.  
The information given herein may be modified without notice.