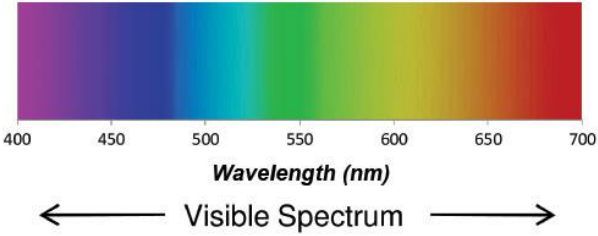


## **M2-DG64-HD Visible Camera Specification**

The specification of visible camera of the M2-DG64 HD is depicted in the following table:

Band	<p>400-700 nm</p>  <p style="text-align: center;">← Visible Spectrum →</p>
Resolution	1280 x 720
Frame Rate	60 frames per second
Zoom	7X + 2X digital, (total 14X) continuous zoom
HFOV	30° WFOV – 4.6° NFOV – 2.3° DFOV
Delay	<p>From the time photons hit the FPA until a stabilized image is outputted.</p> <p>&lt; 40msec</p>
Video output	Micro HDMI
Sensitivity	0.9 lux
S/N	50 dB
AGC	48 dB
Gain Control	Automatic Exposure & Gain control

Gamma Correction	$\gamma = 0.45$ default
White Balance	Automatic

## **M2-DG64 HD Thermal Camera Specification**

The M2-DG64 HD includes the following options:

<i>P/N</i>	<i>Name</i>	<i>Resolution</i>
M2-D	M2-DG64-HD	640 x 512

The specification of Thermal Camera of the M2-DG64 HD is depicted in the following table:

Band	Long-wavelength infrared 7-14 $\mu$ m
Frame Rate	60 frame per second
Zoom	M2-DG64 HD-HD-640 4X digital continuous zoom
HFOV	M2-DG64 HD-HD-640 – 33° W.FOV – 7° DFOV
Delay	From the time photons hit the FPA till a stabilized image is outputted < 40msec
Video output	Micro HDMI
Sensitivity	NETD better than 0.05°C, typically 0.045°C
Control	Polarity Control - switch between Black & White Hot Pseudo Color  Gain & Level Control

