

# Contour Specifications

<u>Specification</u>	<u>Contour XLR</u>	<u>Contour XLRi</u>	<u>Contour XLRic</u>	<u>Contour MAX</u>
<b>Maximum Range</b>	1850 meters	1850 meters	1850 meters	3000 meters
<b>Typical Range Performance</b>	800 m to white building on bright, clear day 400 m to trees on bright, clear day (Longer ranges at night and in cloudy conditions)	800 m to white building on bright, clear day 400 m to trees on bright, clear day (Longer ranges at night and in cloudy conditions)	800 m to white building on bright, clear day 400 m to trees on bright, clear day (Longer ranges at night and in cloudy conditions)	3000 m to white building on bright, clear day 2000 m to trees on bright, clear day (Longer ranges at night and in cloudy conditions)
<b>Minimum Range</b>	3 meters	3 meters	3 meters	3 meters
<b>Range Accuracy</b>	+/- 0.1 meter to a white target at 85m (1 $\sigma$ )	+/- 0.1 meter to a white target at 85m (1 $\sigma$ )	+/- 0.1 meter to a white target at 85m (1 $\sigma$ )	+/- 0.1 meter to a white target at 85m (1 $\sigma$ )
<b>Acquire Time</b>	0.3 seconds	0.3 seconds	0.3 seconds	0.3 seconds
<b>Inclination Accuracy</b>	N/A	+/- 0.1 degrees	+/- 0.1 degrees	N/A
<b>Inclination Limits</b>	N/A	360 degrees	+/- 40 degrees	N/A
<b>Bearing Accuracy</b>	N/A	N/A	+/- 0.5 degrees	NA/
<b>Sighting System</b>	Head Up Display	Head Up Display	Head Up Display	Head Up Display
<b>Wavelength</b>	905 nanometers @ 200 Hz rep. rate uncoded	905 nanometers @ 200 Hz rep. rate uncoded	905 nanometers @ 200 Hz rep. rate uncoded	905 nanometers @ 200 Hz rep. rate uncoded
<b>Beam Divergence</b>	3 mR	3 mR	3 mR	3 mR
<b>Output Device</b>	NanoStack Pulsed Laser Diode	NanoStack Pulsed Laser Diode	NanoStack Pulsed Laser Diode	NanoStack Pulsed Laser Diode
<b>Dimensions</b>	18.8 x 10.8 x 25.4 cm	18.8 x 10.8 x 26.9 cm	18.8 x 10.8 x 26.9 cm	18.8 x 10.8 x 25.4 cm
<b>Weight</b>	1.36 kg	1.60 kg	1.60 kg	1.59 kg
<b>Operating Temperature</b>	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
<b>Power Requirements</b>	9-18 VDC (input)	9-18 VDC (input)	9-18 VDC (input)	9-18 VDC (input)
<b>Laser Class</b>	Class I per US CDRH 21 CFR	Class I per US CDRH 21 CFR	Class I per US CDRH 21 CFR	Class 1 per US CDRH 21 CFR
<b>External Interface</b>	RS-232 Port ASCII Optional Bluetooth	RS-232 Port ASCII Optional Bluetooth	RS-232 Port ASCII Optional Bluetooth	RS-232 Port ASCII Optional Bluetooth

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