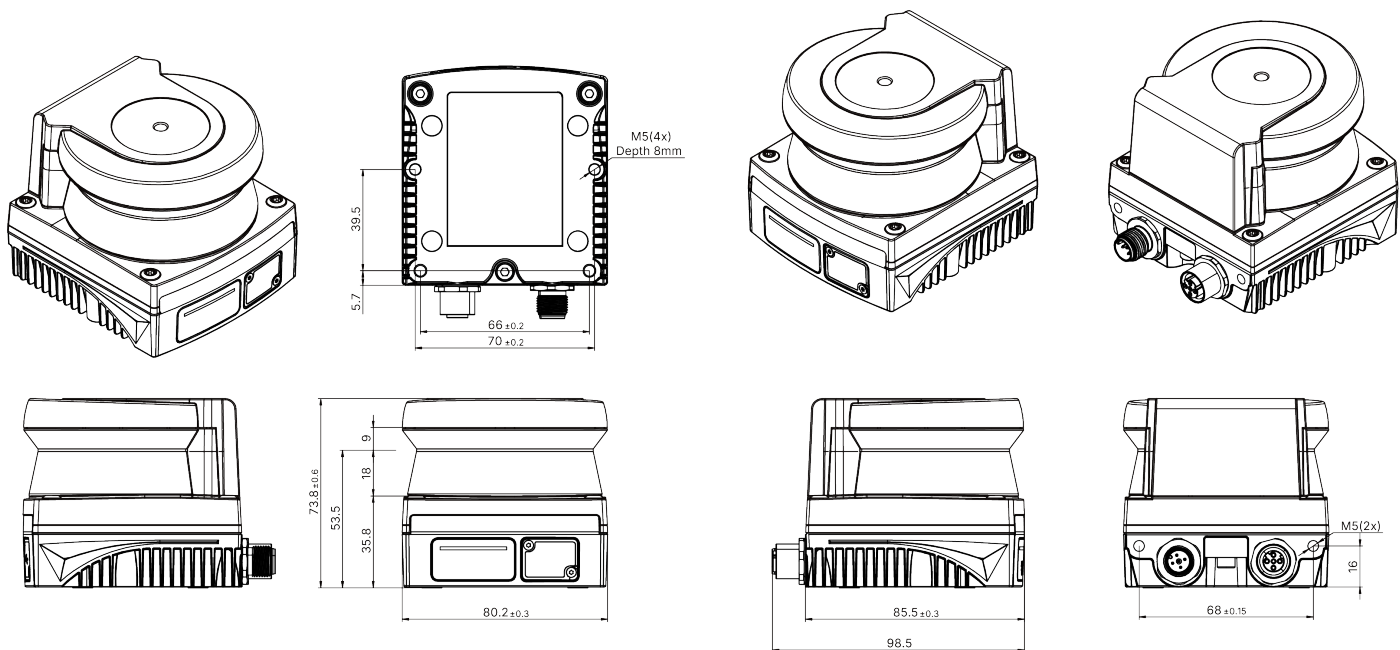


# radarTOUCH NEO

## Preliminary Datasheet

### Key-Facts

- ▶ unmatched performance
- ▶ for ultra large interactive surfaces
- ▶ extremely versatile
- ▶ touchless and direct touch interaction
- ▶ reliable and long-lasting
- ▶ excellent multiTOUCH workflow
- ▶ outdoor proof



### radarTOUCH NEO - smaller, faster, better.

radarTOUCH has been designed for multitouch applications which exceed common screen sizes. The system is perfectly suitable to realise interaction with any kind of screen or floor, transforming DV LED walls, rear projection screens, LCDs or any other surface into an interactive experience.

At its core, radarTOUCH uses an infrared laser to create an invisible curtain, defining a two-dimensional interaction space that covers a large area with a single unit. For even larger setups, multiple radarTOUCH systems can be combined using the radarSTITCHER software extension, seamlessly expanding the interactive zone. Additionally, the radarTRACK extension enables precise tracking of up to four individuals, further enhancing interactive experiences.

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### OPTICAL DATA

Measurement radius	0.08 - 25 m 7 m at 1.8% remission 15 m at 10% remission
Angular range	max. 180°
Angular resolution	0.1°
Scanning rate	40 Hz
Transmitter	Infrared laser, wave length = 905 nm
Response time	at least 25 ms [corresponds to 1 scan]
Flatness of detection plane	+/- 0,2°

### ELECTRICAL DATA

Voltage supply	+24 VDC
Power consumption	< 5.5 W at 24 V

### MECHANICAL DATA

Housing	Zinc die-cast, plastic
Weight	0.65 kg
Dimensions	→ See drawing [plus connections and cables]

### ENVIROMENTAL DATA

Operating temperature	-30°C to +60°C
Relative humidity	< 95% non-condescending

### CERTIFICATION

Protection class [IEC 60529]	IP67 [only with USB cover installed]
Laser class	Class 1 [according to IEC 60825-1:2014]
Protection class [IEC 61140]	III, protective extra-low voltage

### ACCESSORIES

Standard Mounting	RTouch-TH-STD-V2NEO
Deluxe Mounting	RTouch-TH-DLX-V2NEO

### WARRANTY

Warranty	24 months
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