



SR-X300W

AI-Powered Code Reader



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model			SR-X300W *1
Type			Wide-field type (2.3 megapixels)
Receiver	Sensor		CMOS image sensor
	Number of pixels		1920 × 1200
	Focus		Auto*2
Emitter	Illumination light source		High-intensity red/white LED
	Pointer light source		High-intensity green LED
Reading specifications	Supported symbols	2D codes	QR, MicroQR, DataMatrix(ECC200), DMRE, GS1 DataMatrix, PDF417, MicroPDF417, GS1 Composite (CC-A/CC-B/CC-C), DotCode, Maxi Code, Aztec Code
		Barcodes	CODE39, ITF, 2of5 (Industrial 2of5), COOP 2of5, NW-7 (Codabar), CODE128, GS1-128, GS1 DataBar, CODE93, JAN/EAN/UPC, Trioptic CODE39, CODE39 Full ASCII, Pharmacode, Postal (Japan Postal, IMB)
	Minimum resolution	2D codes	0.060 mm 0.0024"
		Barcodes	0.082 mm 0.0032"
	Reading distance		50 to 1000 mm 1.97" to 39.37"
	Reading field of view		267 × 166 mm 10.51" × 6.54" (at a distance of 300 mm 11.81")
I/O specifications	Control input	Number of inputs	2
		Input type	Bidirectional voltage input
		Maximum rating	30 VDC
		Minimum ON voltage	15 VDC
		Maximum OFF current	0.2 mA
	Control output	Number of outputs	3
		Output type	Photo MOS relay output
		Maximum rating	30 VDC
		Maximum load current	50 mA or less for 1 output, or 100 mA or less in total for 3 outputs
		Leakage current when OFF	0.1 mA or less
		Residual voltage when ON	1 V or less
	Ethernet	Communication standard	IEEE 802.3-compliant 100BASE-TX
		Supported protocols	TCP/IP, SNMP, FTP, SFTP, HTTP, HTTPS, BOOTP, EtherNet/IP™, PROFINET, KV STUDIO, MC protocol, OMRON PLC link, OPC UA
	Serial communication	Communication standard	RS-232C-compliant

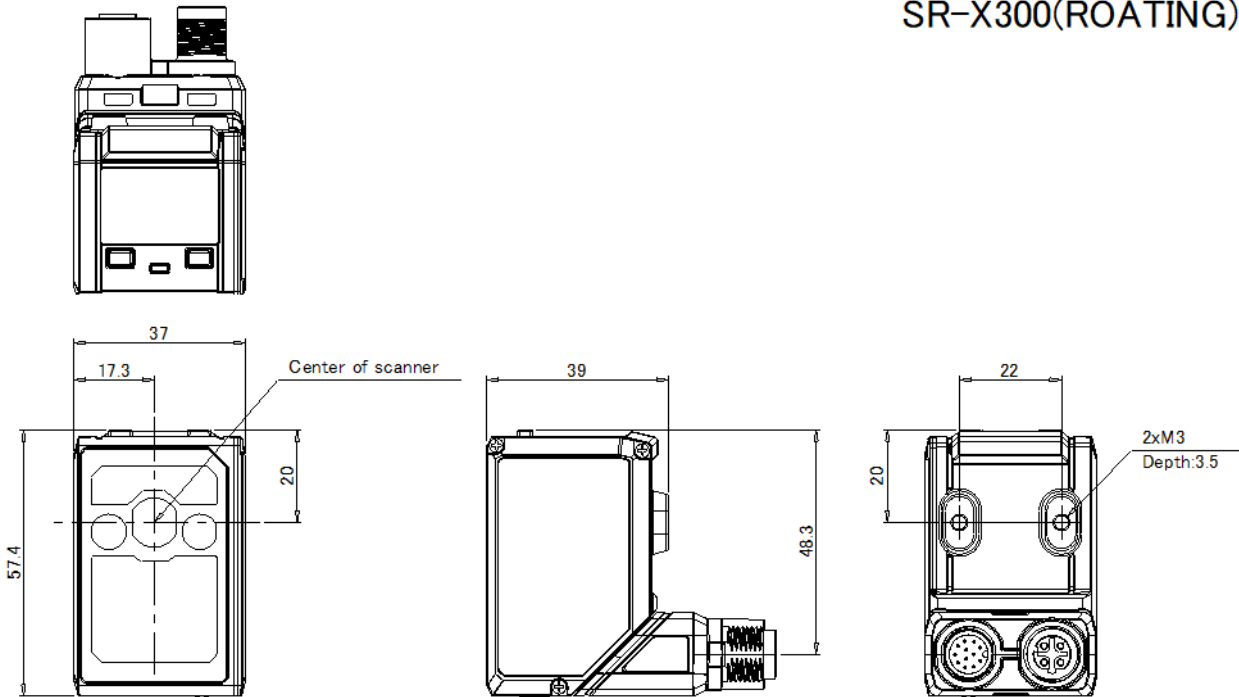
		Communication speed	600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
		Supported protocols	No-protocol, KV STUDIO, MC protocol, SYSWAY
	USB	Communication standard	USB 2.0 High Speed compliant
Ratings	Power voltage		24 VDC +25%/-20%
	Current consumption		Approx. 750 mA
Environmental resistance	Enclosure rating		IP65/IP67 (IEC60529)*3
	Ambient temperature		0 to +45°C 32 to 113°F
	Relative humidity		35 to 85% RH (No condensation)
	Storage temperature		-10 to +50°C 14 to 122°F
	Storage relative humidity		35 to 85% RH (No condensation)
Weight			Approx. 200 g 7.06 oz

*1 System ROM rewrites: 100000
*2 The focal position can be adjusted automatically during installation or tuning.
*3 Attach a USB port cover to meet the protective structural specification.

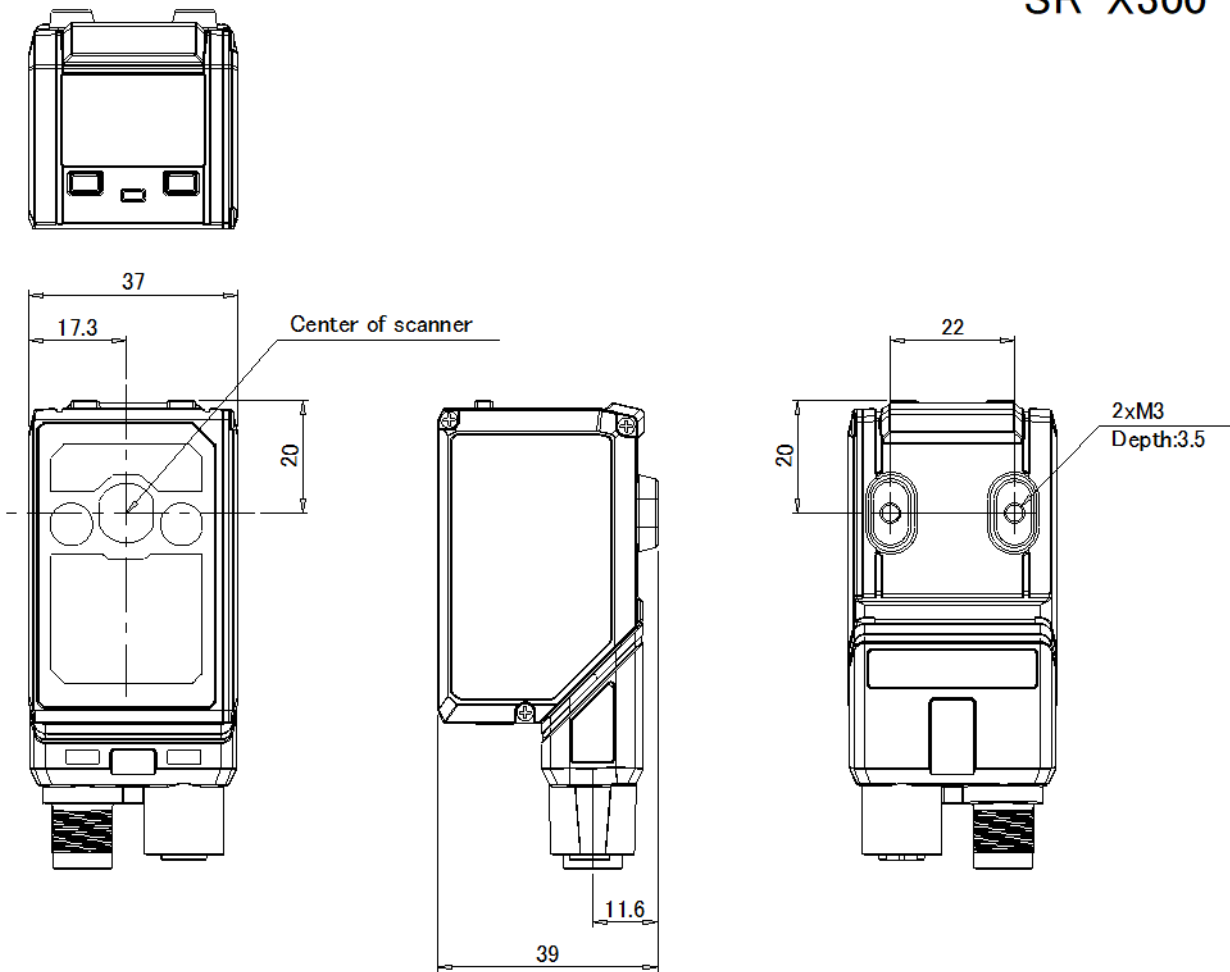
Dimensions

* Download CAD file or product manual for larger image/text and more detail.

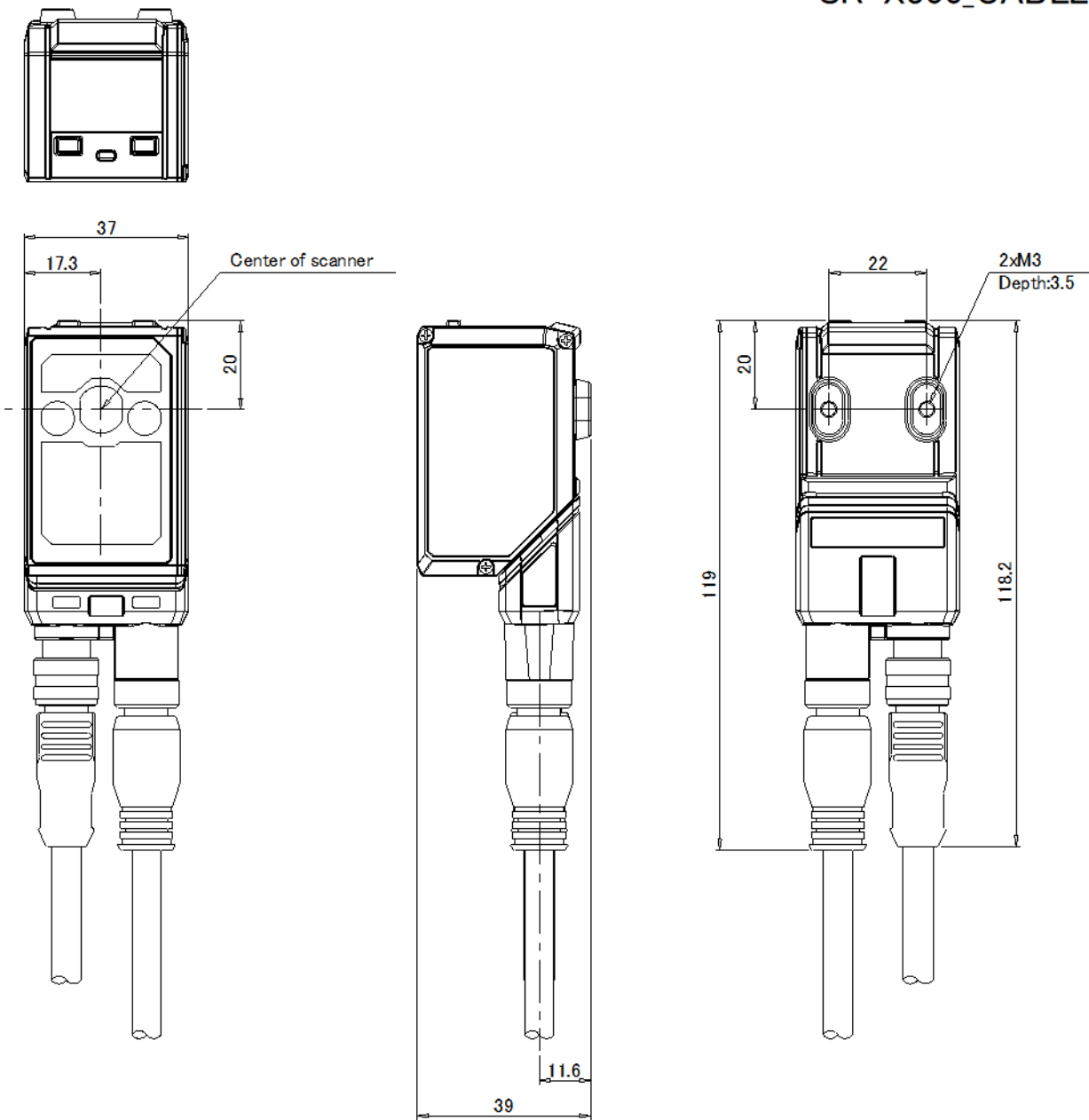
SR-X300(ROATING)



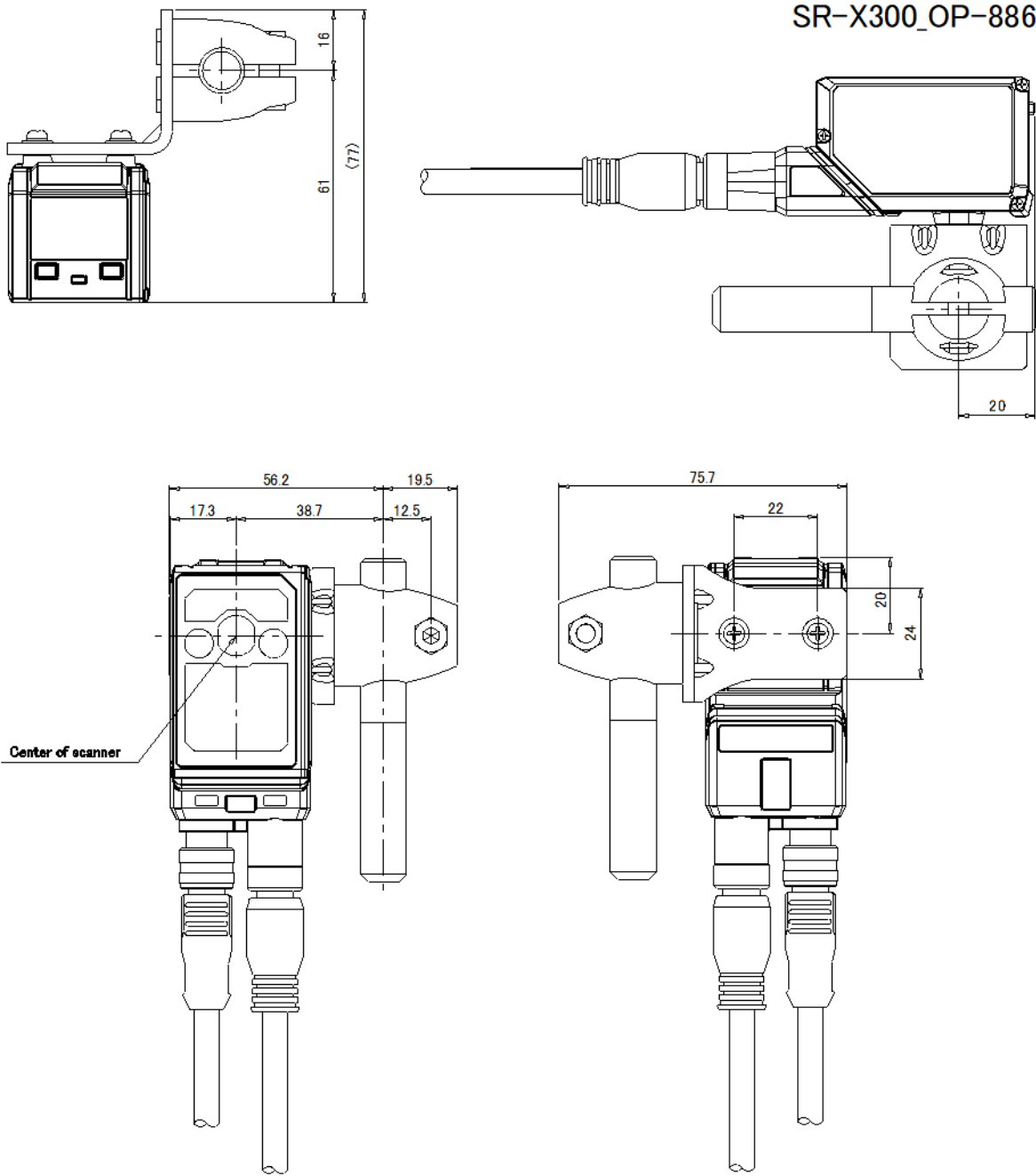
SR-X300



SR-X300_CABLE

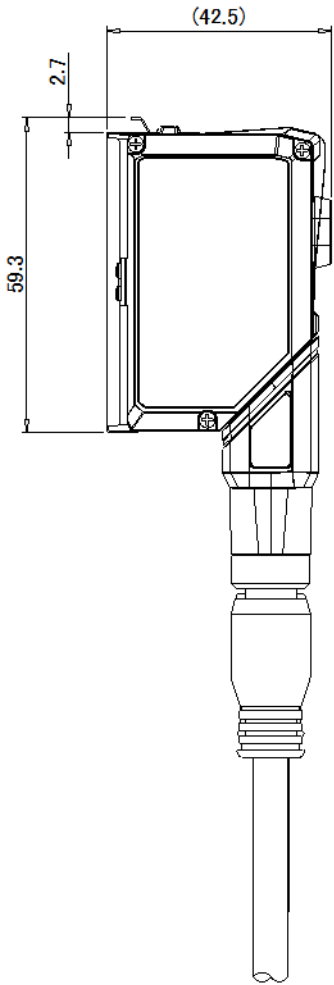
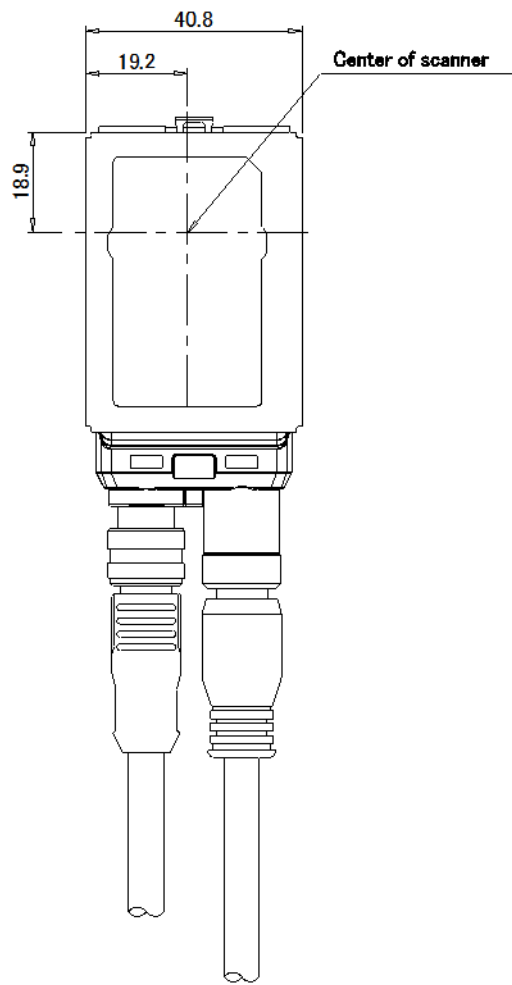
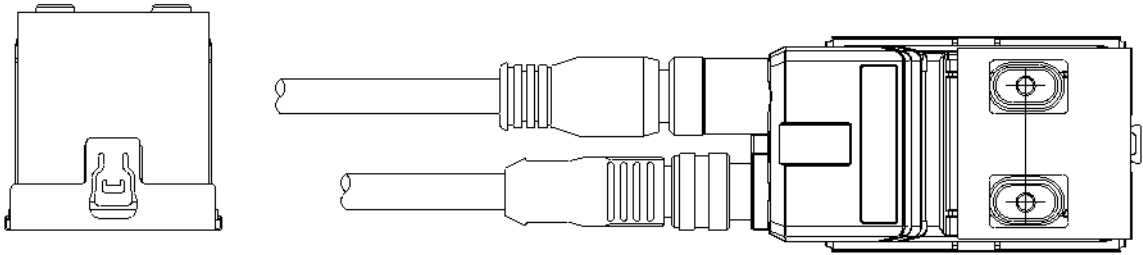


SR-X300_OP-88697

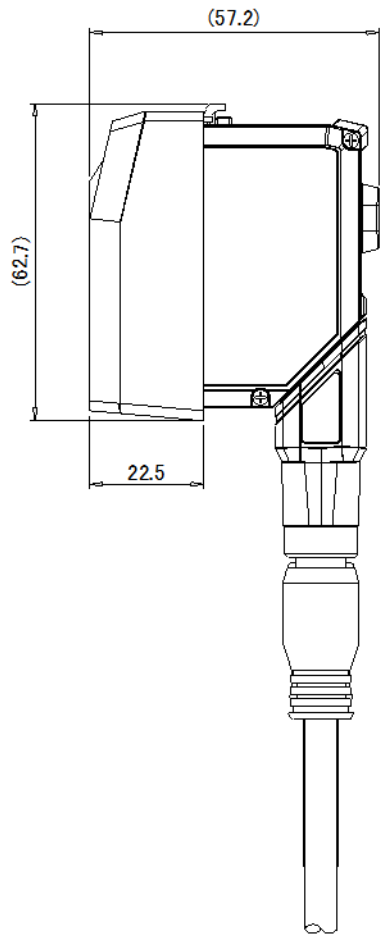
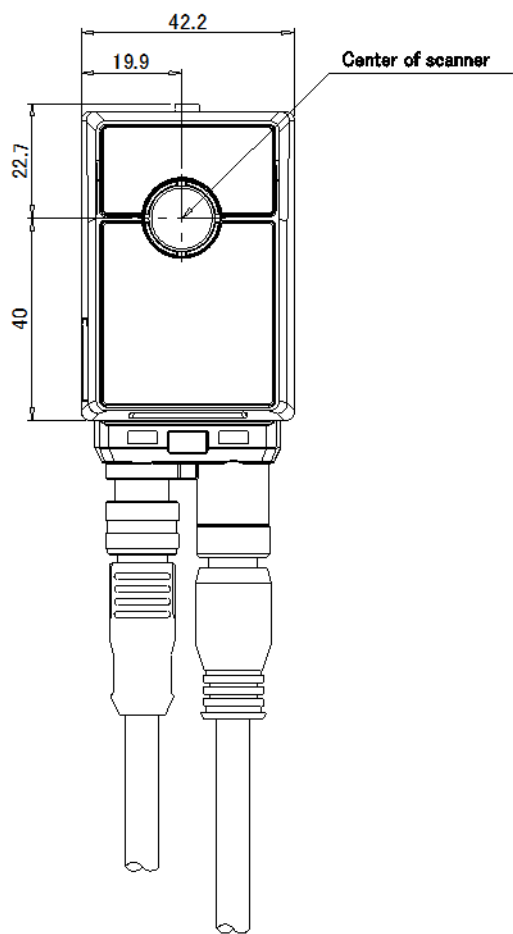
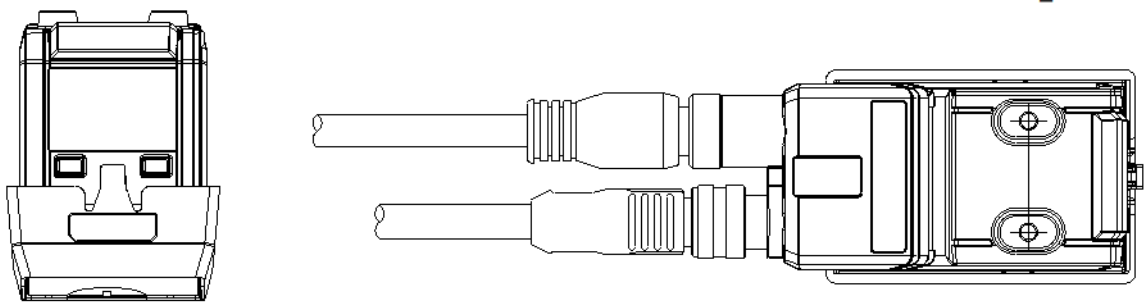


Technical drawing of the SICK IMV 1200 scanner showing three views: front, side, and top. The front view shows a rectangular unit with a display and buttons, with dimensions 17.3, 25.7, 20, and 26. The side view shows the scanner's profile with dimensions 42, 22.2, 7.5, and 37. The top view shows the scanner's base with dimensions 52, 13.5, 22, 43.2, 20, 22, 36.4, 2x3.4, 3, and (6). A label "Center of scanner" points to the center of the front view.

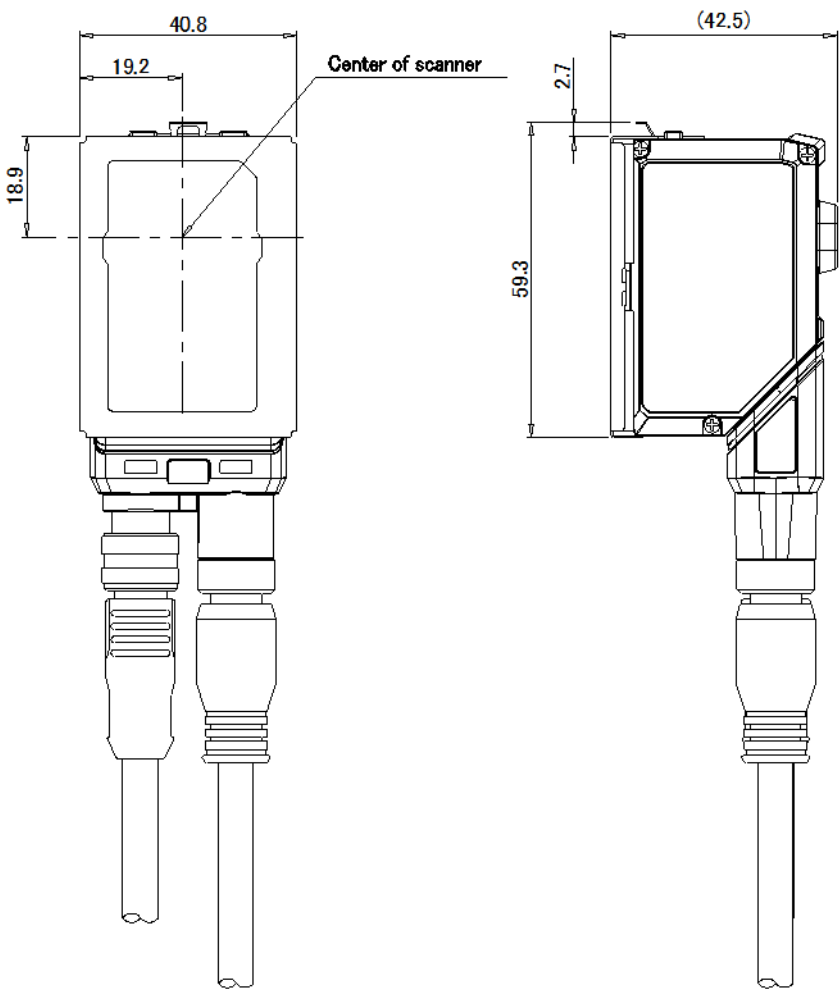
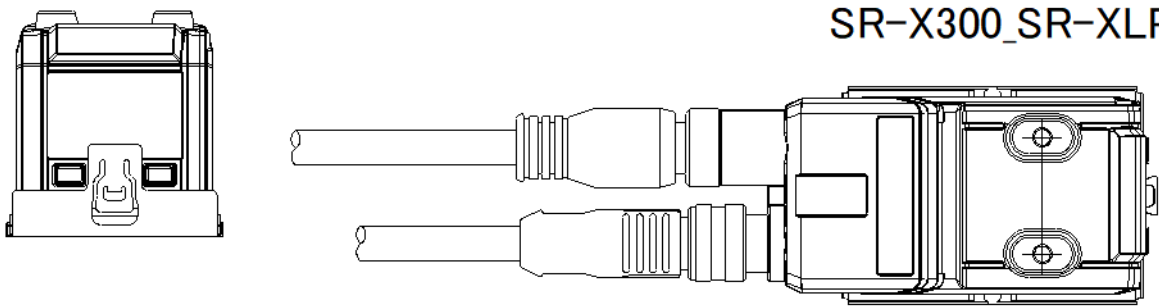
SR-X300_SR-XESD



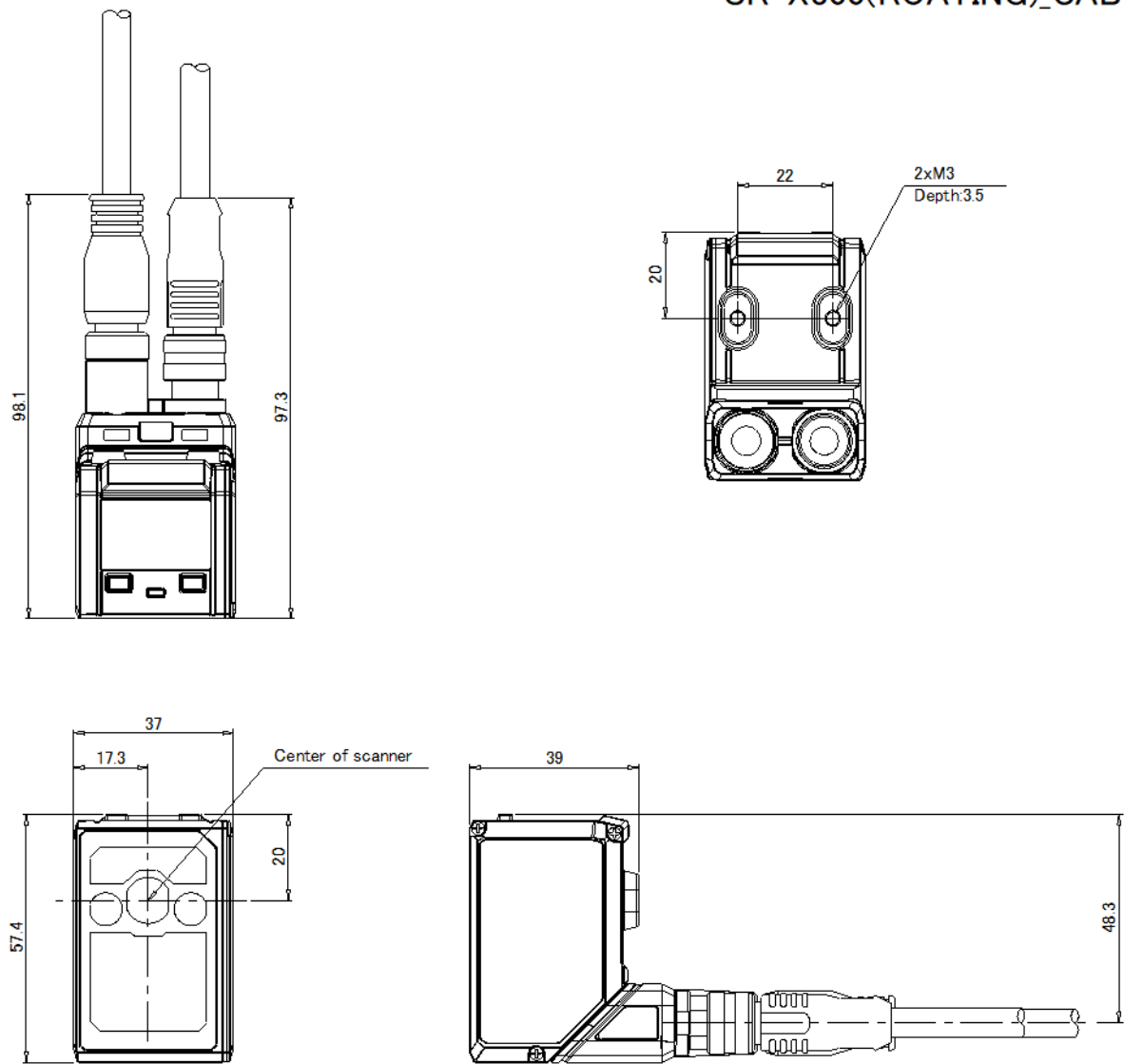
SR-X300_SR-XHR



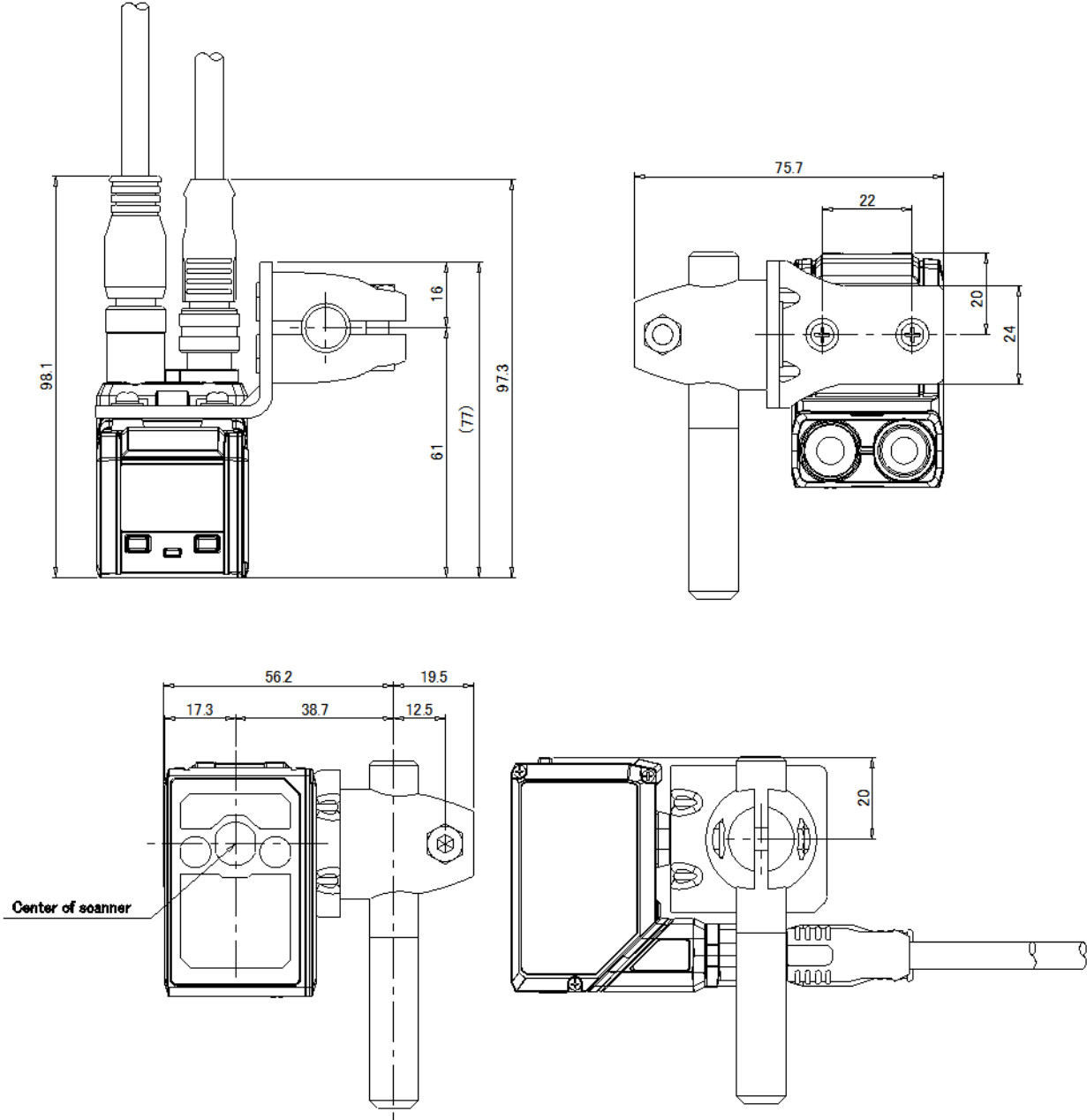
SR-X300_SR-XLP



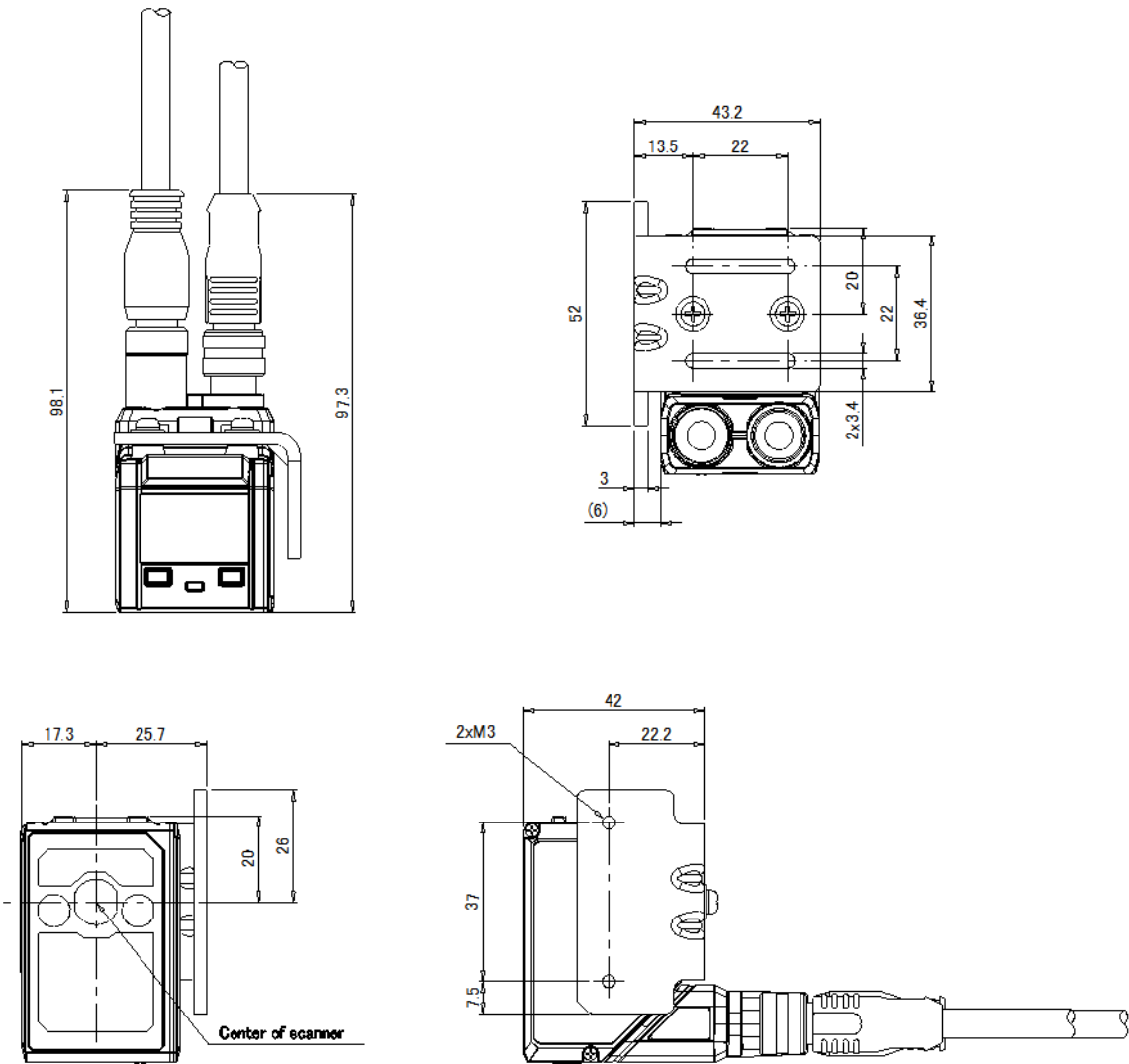
SR-X300(ROATING)_CABLE



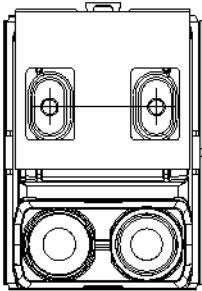
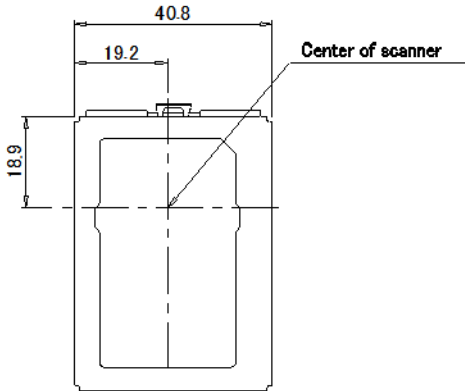
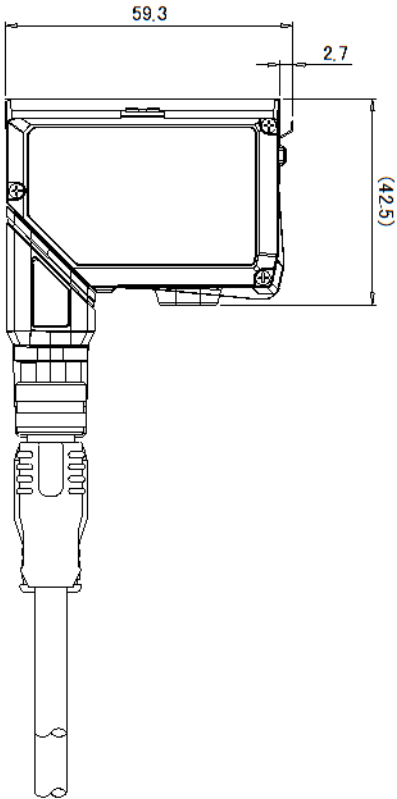
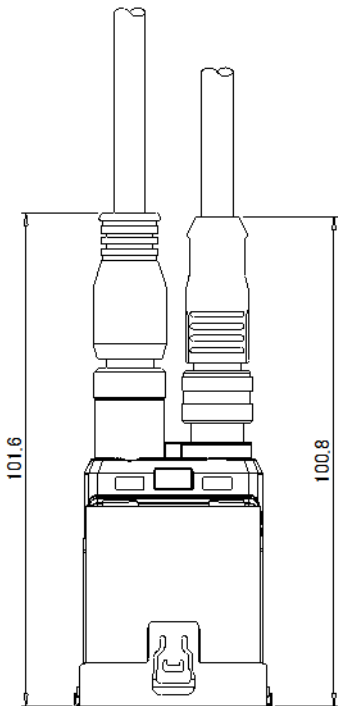
SR-X300(ROATING)_OP-88697



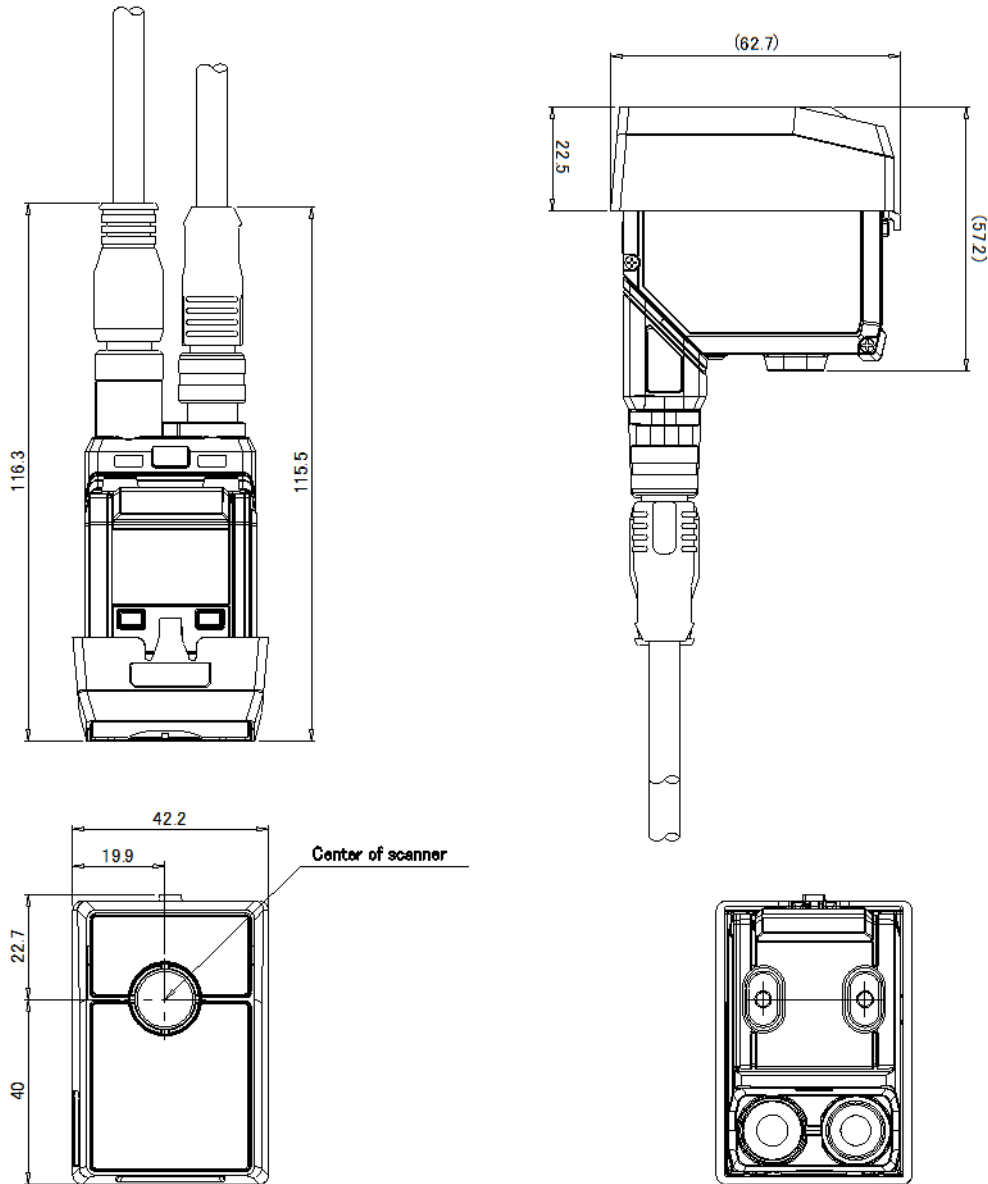
SR-X300(ROATING)_OP-88698



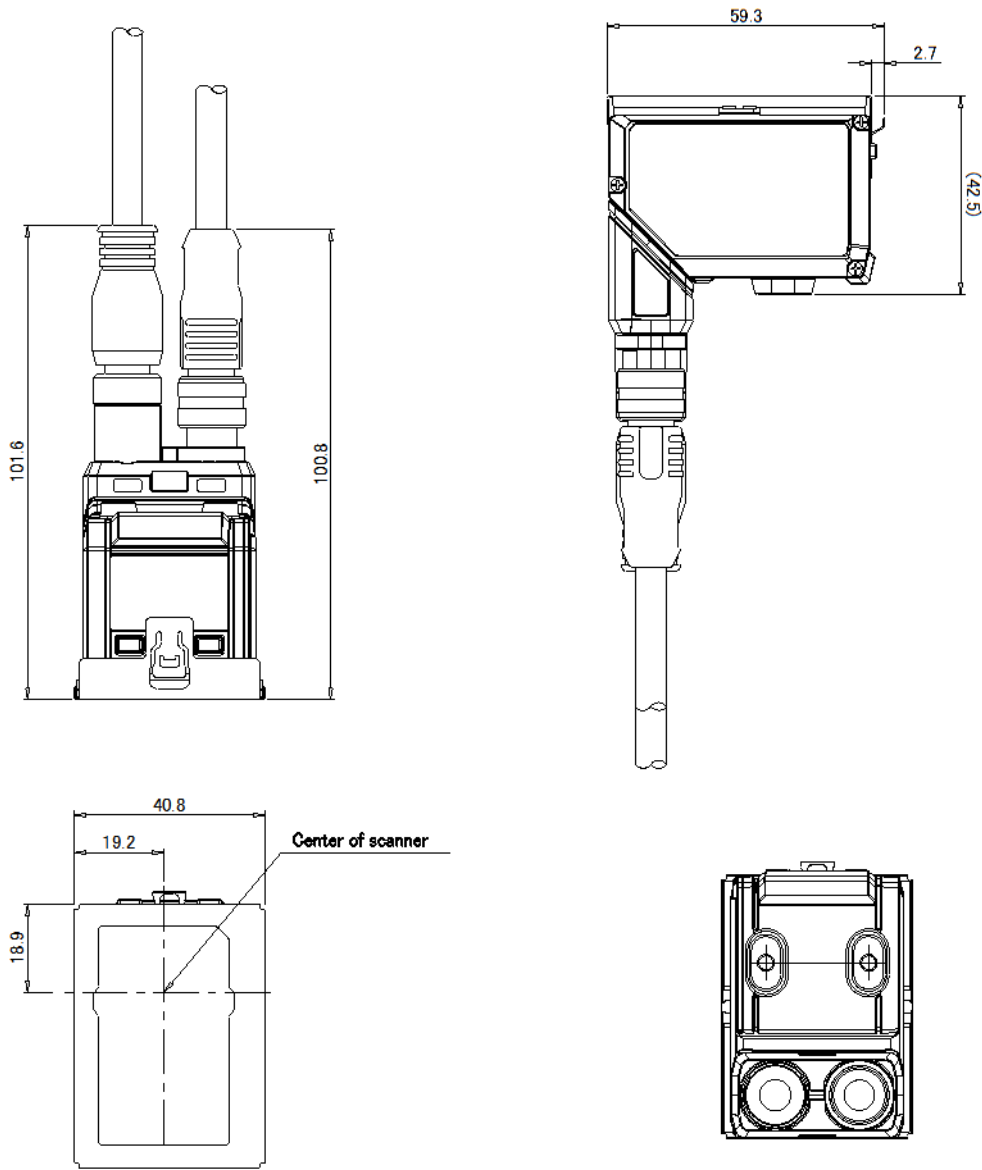
SR-X300(ROATING)_SR-XESD



SR-X300(ROATING)_SR-XHR

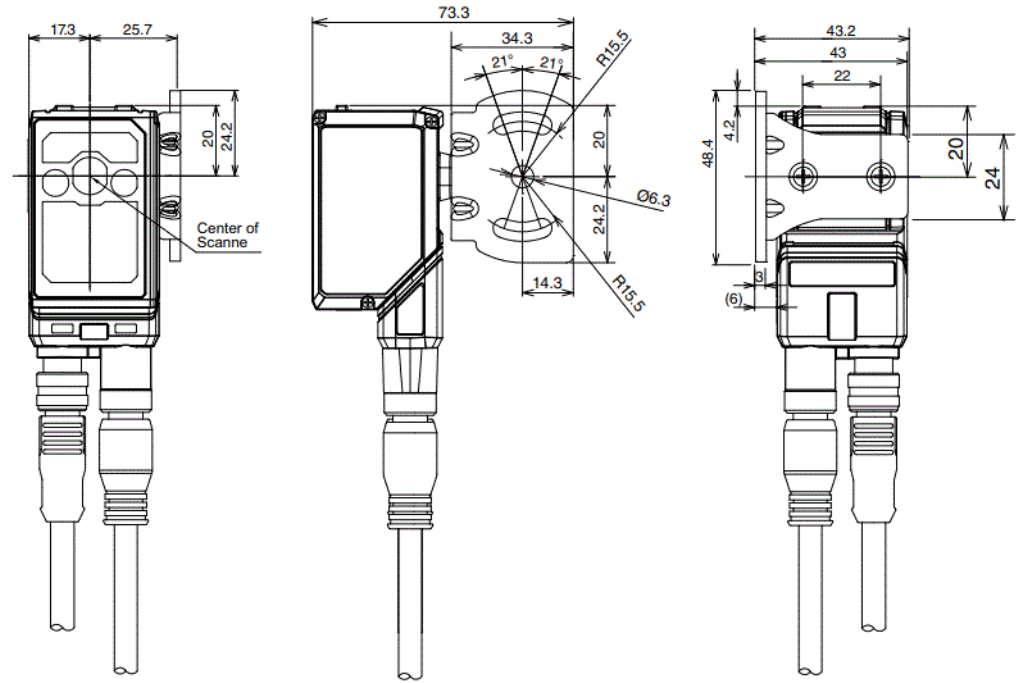


SR-X300(ROATING)_SR-XLP



● SR-X300+OP-88696

Unit: mm



● SR-X300+OP-88699

Unit: mm

