



SR-X100
Autofocus 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-X100 *1*2
Type			Standard type (1.4 megapixels)
Receiver	Sensor		CMOS image sensor
	Number of pixels		1360 × 1024
	Focus		Auto*3
Emitter	Illumination light source		High-intensity red 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	0.024 mm 0.0009"
		Barcodes	0.082 mm 0.0032"
	Reading distance		70 to 1000 mm 2.76" to 39.37"
	Reading field of view		74 × 55 mm 2.91" × 2.17" (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

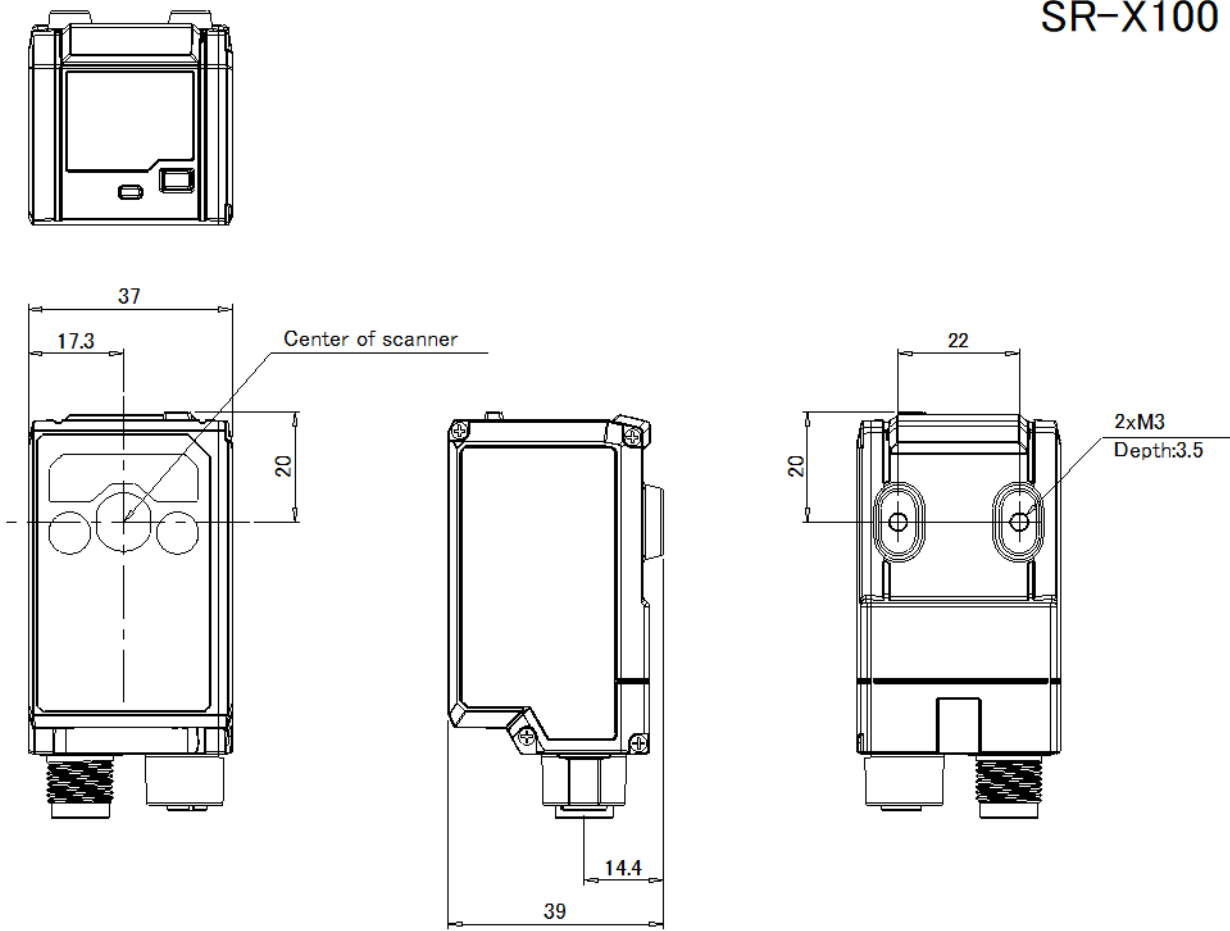
		Communication speed	600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
		Supported protocols	No-protocol, KV STUDIO, MC protocol, SYSWAY
	USB	Communication standard	USB 2.0 High Speed compliant
Ratings	Power voltage		24 VDC +25%/-20%
	Current consumption		Approx. 650 mA
Environmental resistance	Enclosure rating		IP65/IP67 (IEC60529)*4
	Ambient temperature		0 to +45°C 32 to 113°F
	Storage temperature		-10 to +50°C 14 to 122°F
	Relative humidity		35 to 85% RH (No condensation)
	Storage relative humidity		
Weight			Approx. 180 g 6.35 oz

*1 SR-X100 series does not support the AI filter function.
*2 System ROM rewrites: 100000
*3 The focal position can be adjusted automatically during installation or tuning.
*4 Attach a USB port cover to meet the protective structural specification.

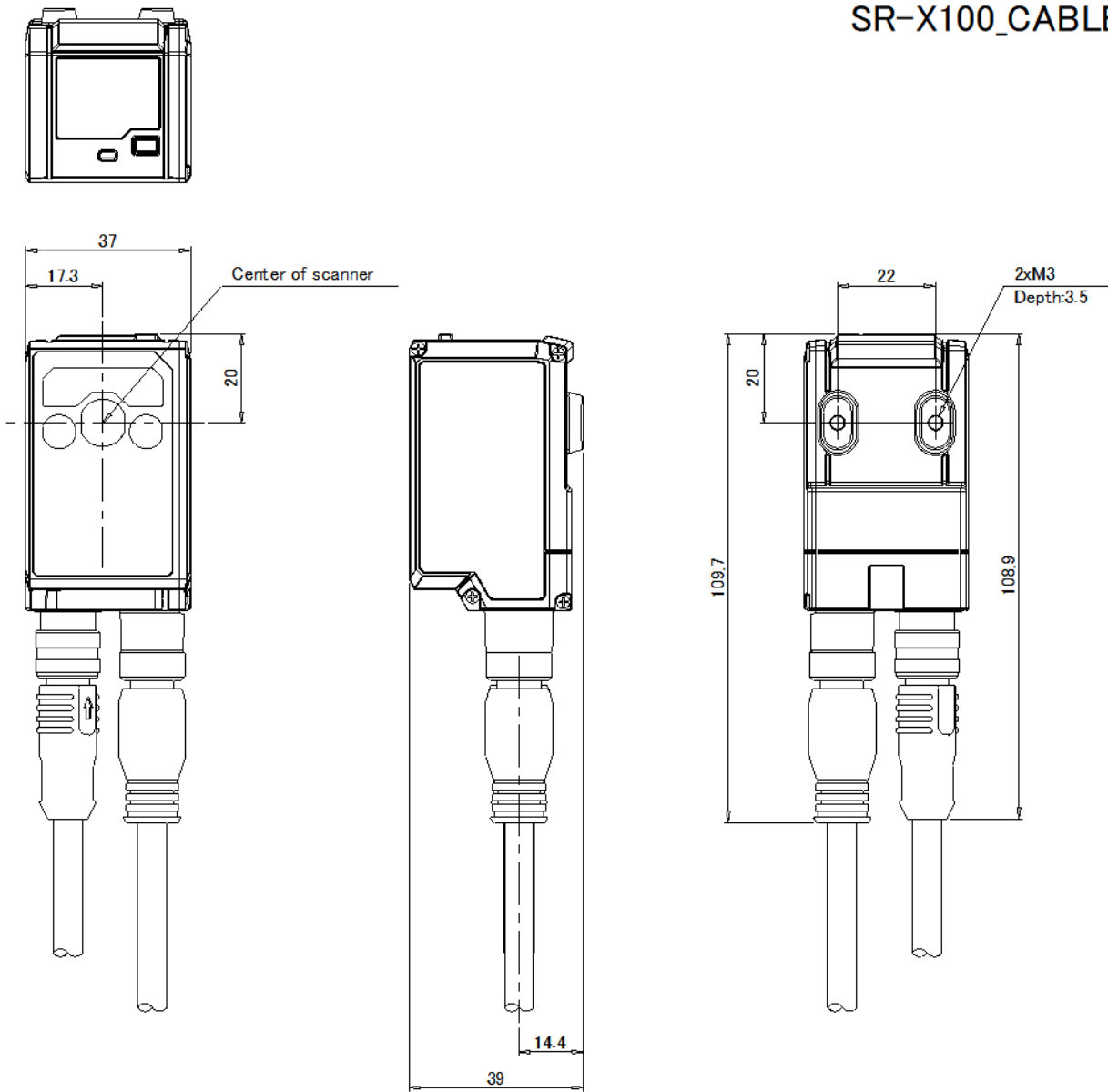
Dimensions

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

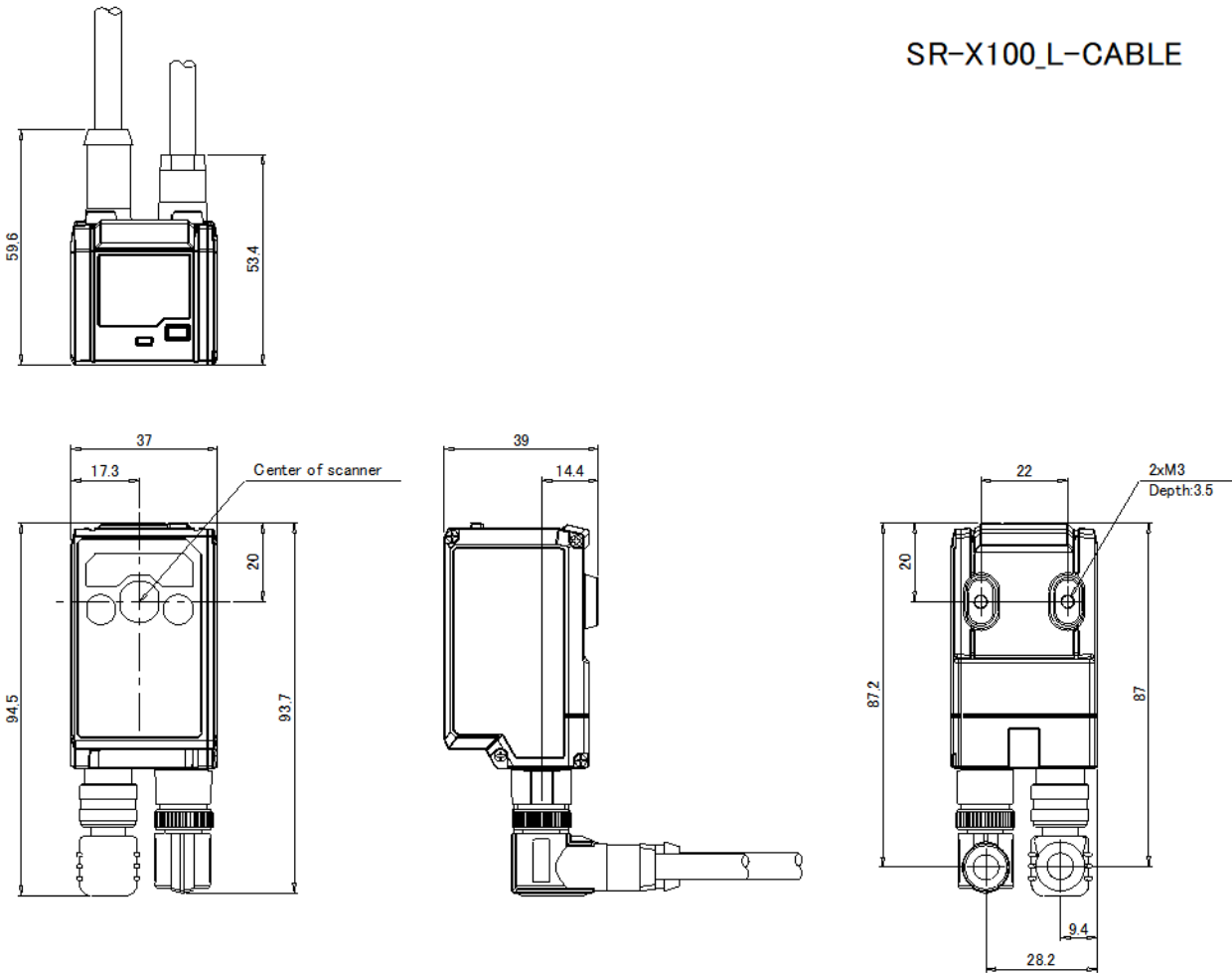
SR-X100



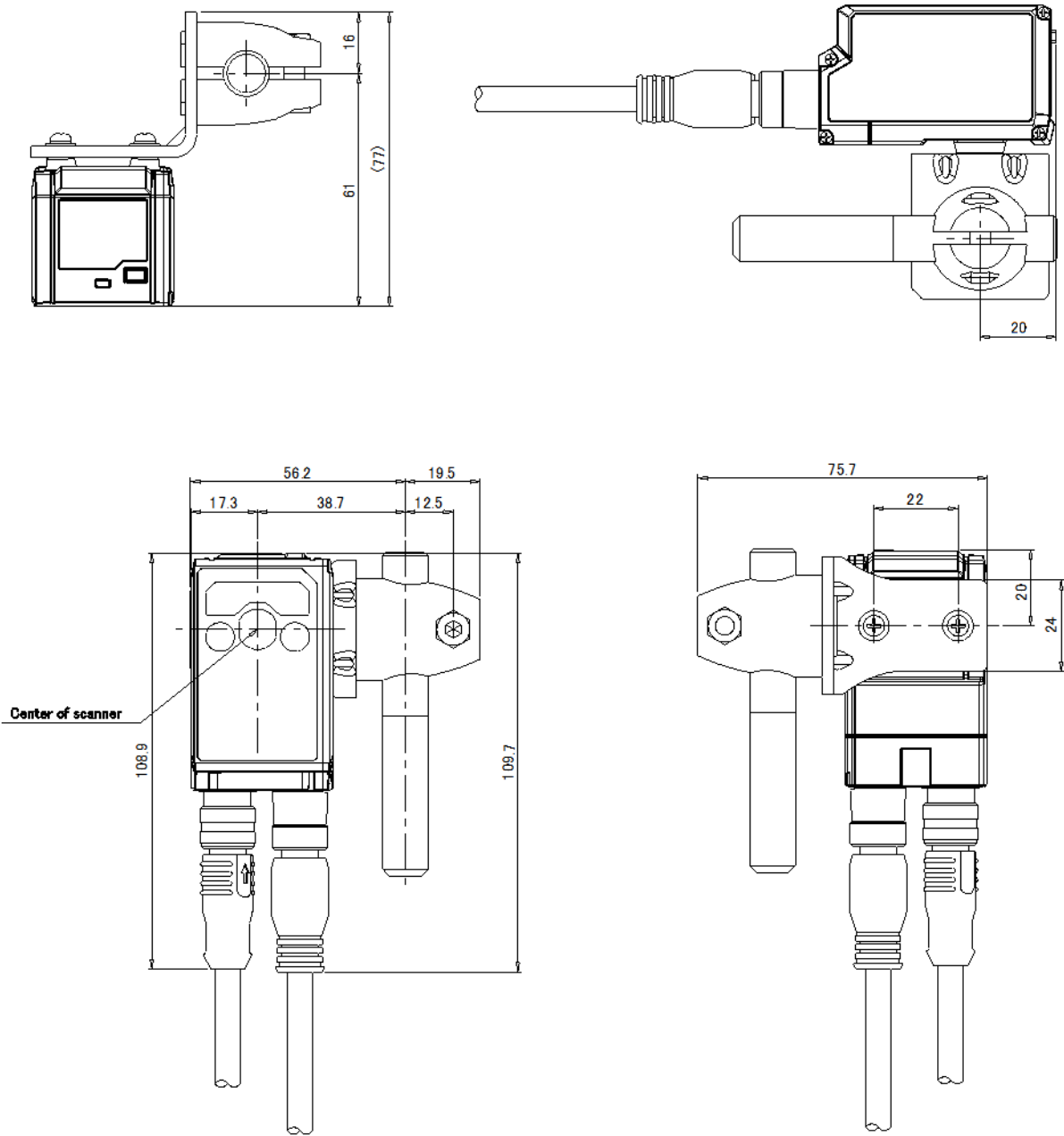
SR-X100_CABLE



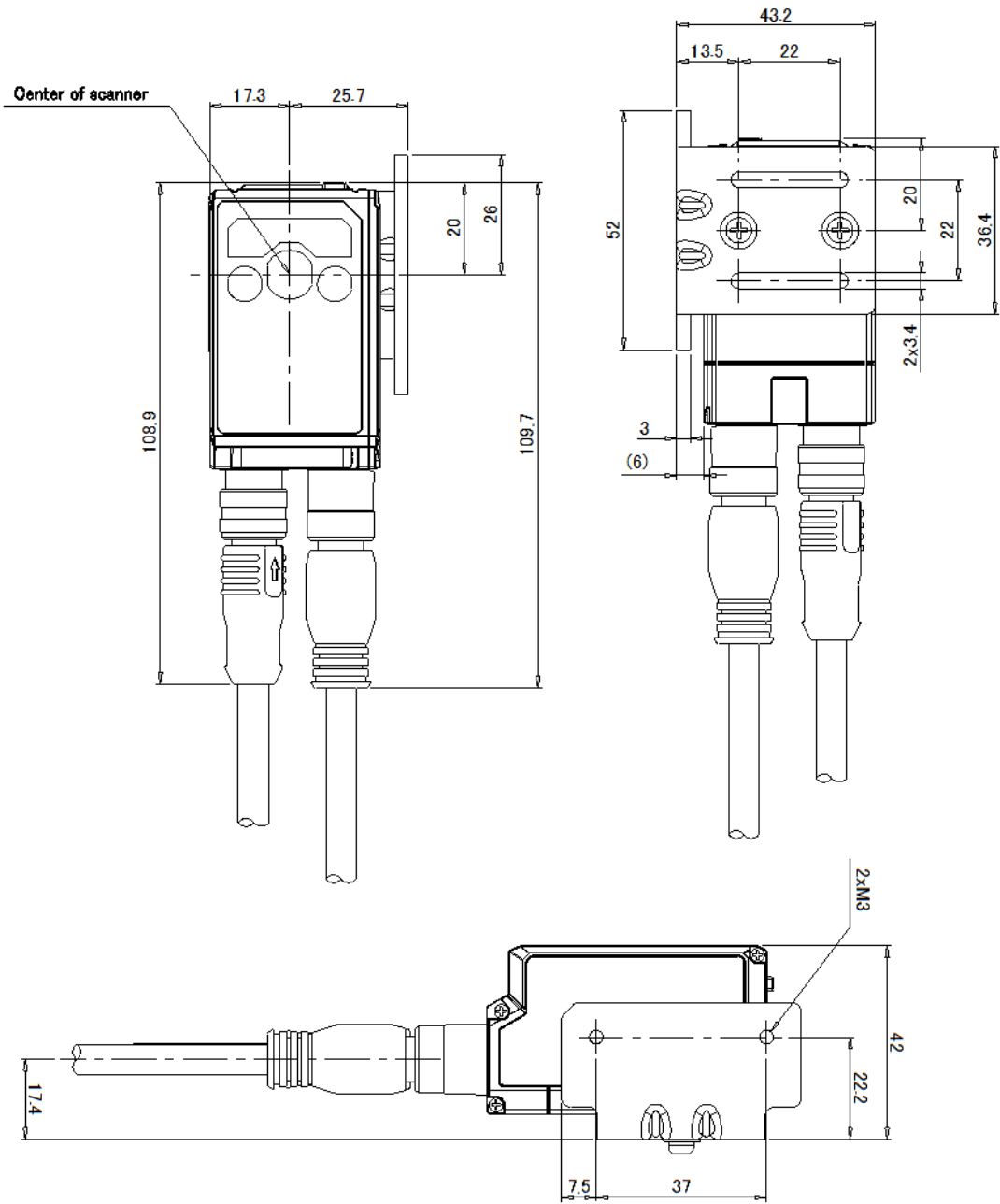
SR-X100_L-CABLE



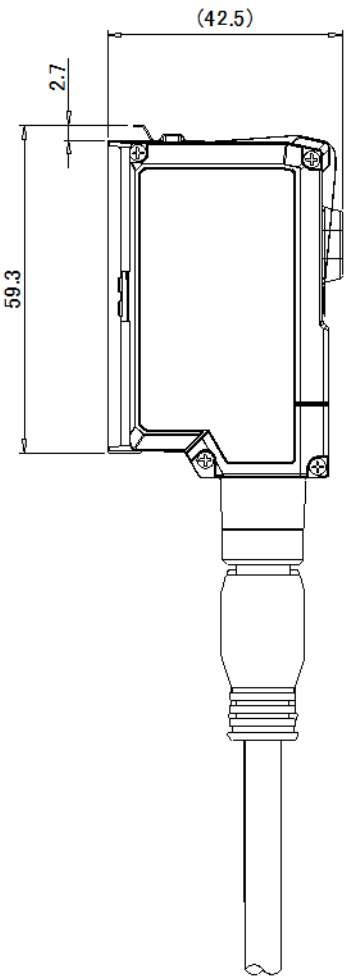
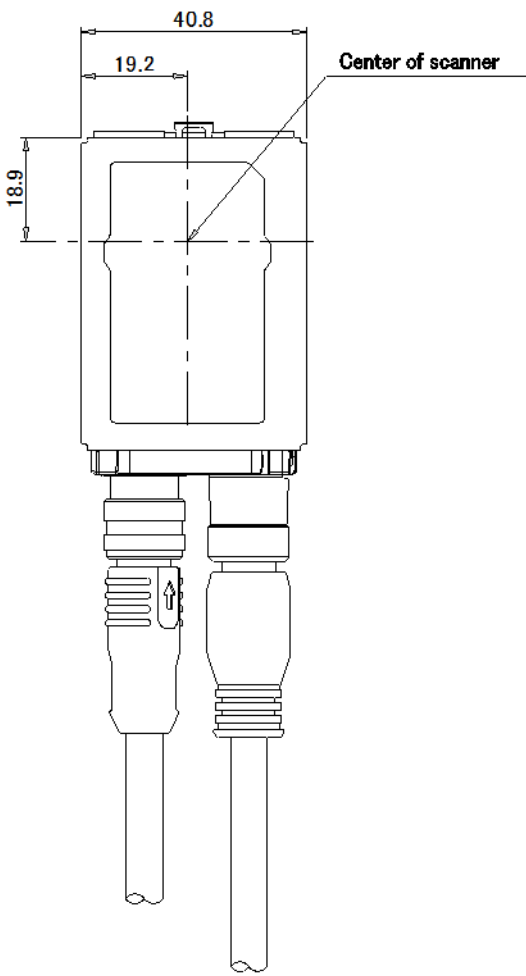
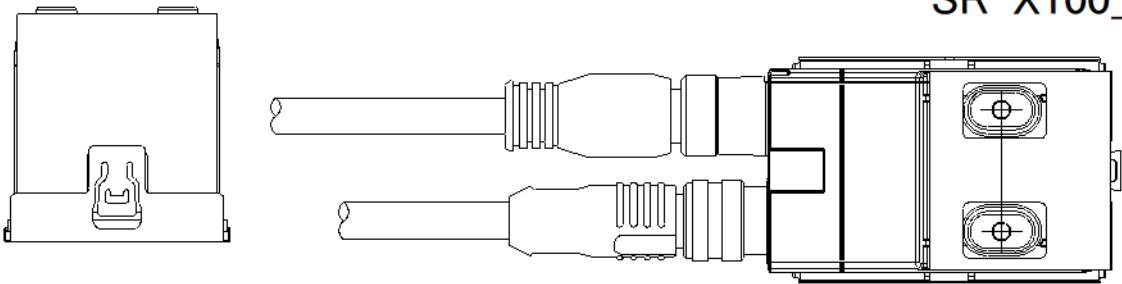
SR-X100_OP-88697



SR-X100_OP-88698



SR-X100_XESD



SR-X100_XLP

