

- Ethernet output
- High ambient light robustness
- measurements on difficult surfaces possible
- robust against many optical and harsh environments
- small form factor
- Stereo-Triangulation versions
- Many modifications possible
- Application software available
- Software developers support



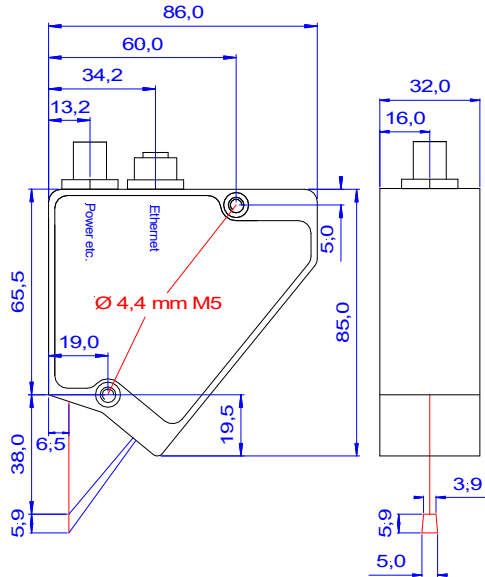
Scanner type	5	20	40	60	80	120	240	400
Range Z [mm]	5,9	20	40	60	80	120	240	400
Range X [mm]	4,5	12	24	35	48	70	140	240
Standoff [mm]	38	53	50	53	60	84	220	330
x-Resolution [µm]	14,7	39,7	81,0	120,7	163,8	241,4	482,8	827,6
z-Resolution [µm]	3,9	13,3	26,6	39,9	53,2	79,8	159,6	266,0
Range begin X [mm]	3,9	10	20	30	40	60	120	200
Range end X [mm]	5	13	27	40	55	80	160	280
Length [mm]	86	84	96	96	134	186	350	550
Width [mm]	32	32	32	32	32	32	32	32
Height [mm]	85	77	79	79	77	84	89	89
Weight [g]	295	273	290	290	348	430	710	1100

	Values	Options
Scan Rate	200/350* Profiles/s, selectable, all full frame	200/350*, 400*/ 700** Profiles/s , selectable, full frame * versions with Stereo-Triangulation, * reduced x resolution
possible optical features of measurement objects	transparent, white to dark, shiny, highly reflective, polished, rough	
Linearity	< 0,06 % of FS	
Light source	Laser, 658 nm, red	405 nm, blue, 445 nm, blue, 529 nm green
Ambient light max.	14000 Lux	
Vibration/ Shock	7 g @ 1 kHz Vibration 4 g / 10 ... 500 Hz (IEC 60068-2-6) Shock 15 g / 6 ms (IEC 60068-2-27)	
Supply power	24 V	
Storage Temperature	-20°C to 70°C	
Humidity	< 90% RH	
Ethernet connector	M12 , D-coded, female	Software QS-View
Supply connector	M12, A-coded, male	Linear Axis Rotary Axis
Operating temperature	0°C to +50°C	Supply Cable Ethernet Cable
Protection class	IP64, optional IP67	Cooling Module up to 400°C ambient temperature Protection Window
Other features	Temperatur sensor built in for Laser Diode protection On/Off counter, hours of operations counter, encoder input, synchronisation of multi scanner groups	Stainless Steel Housing, IP67, IP68

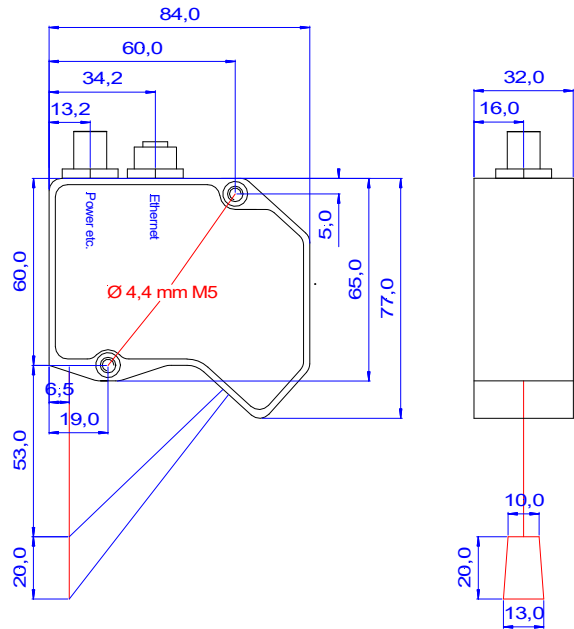


Technical Drawings

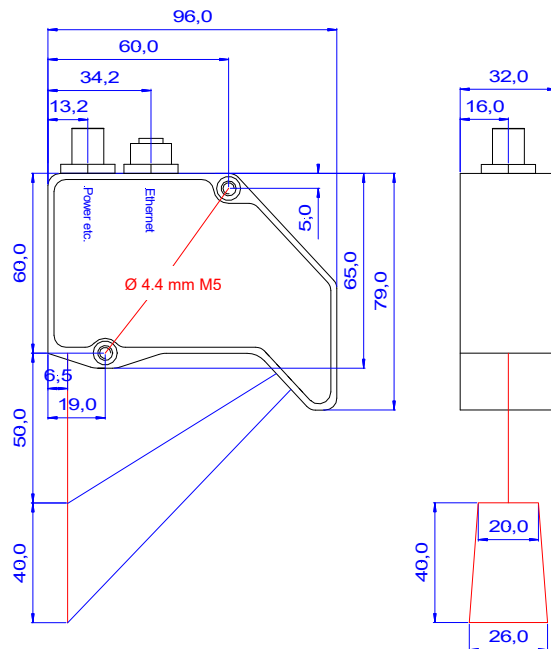
Scanner 5



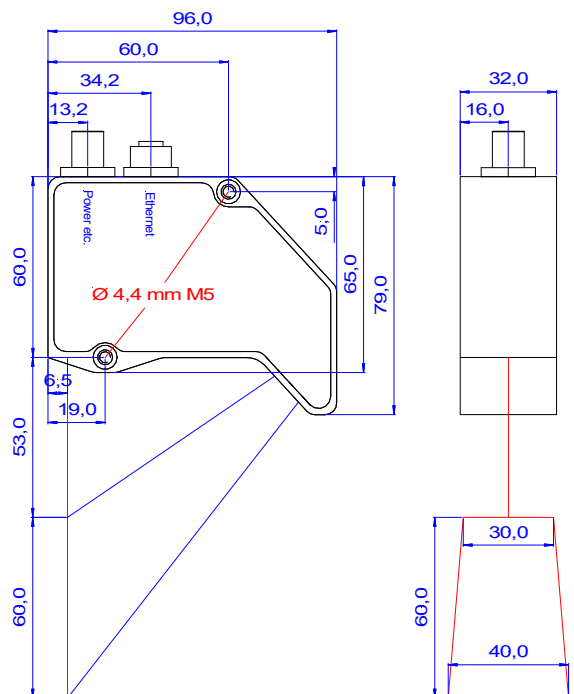
Scanner 20



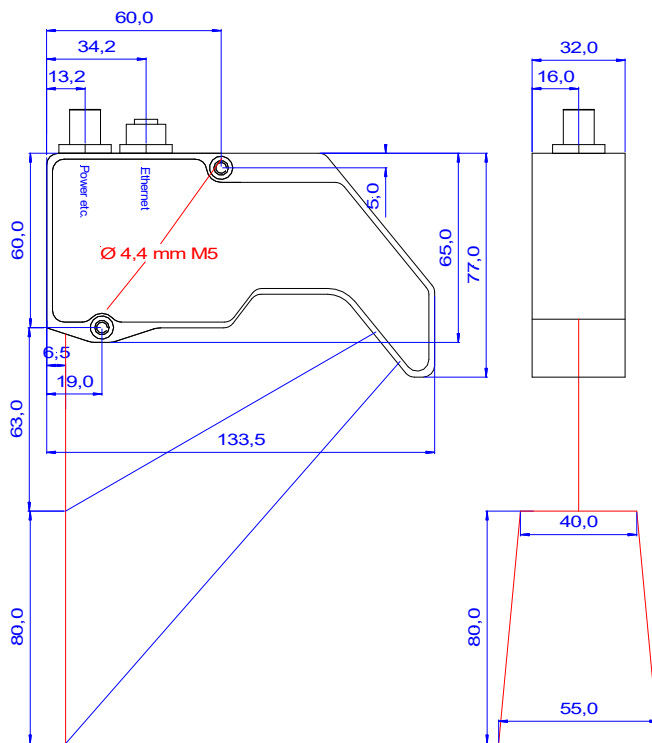
Scanner 40



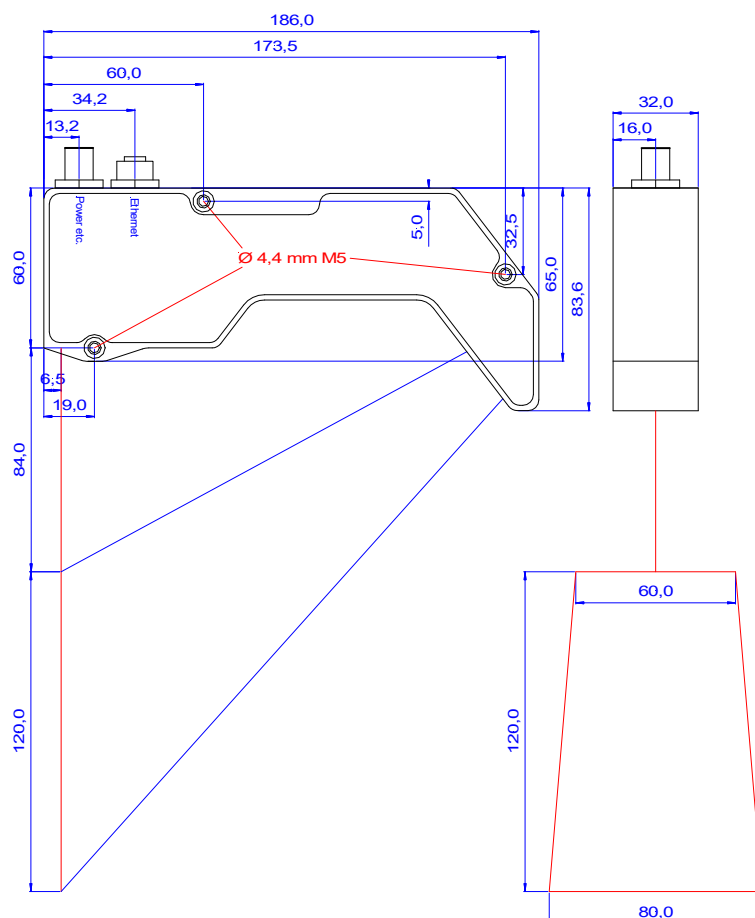
Scanner 60



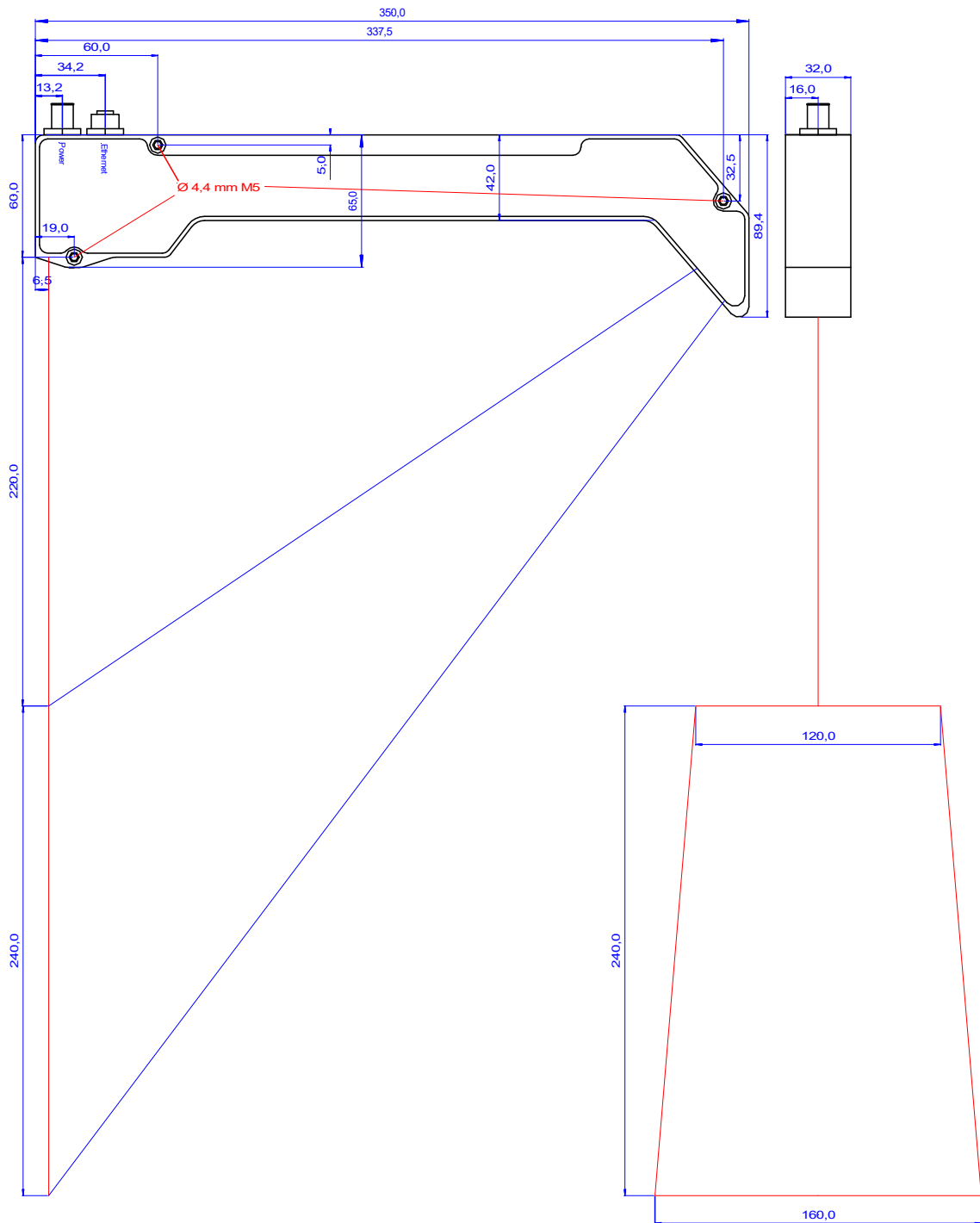
Scanner 80



Scanner 120



Scanner 240



Scanner 400

