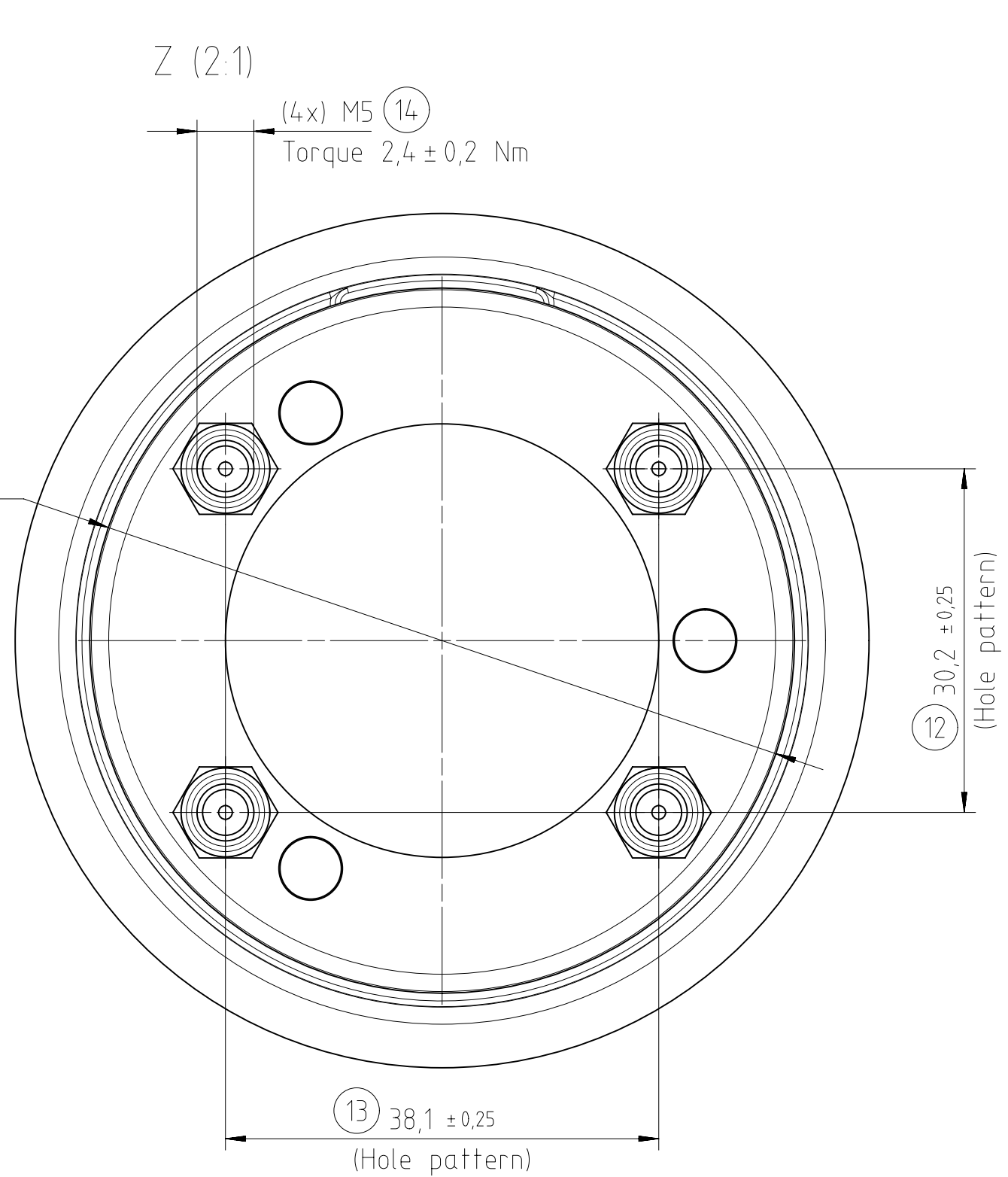
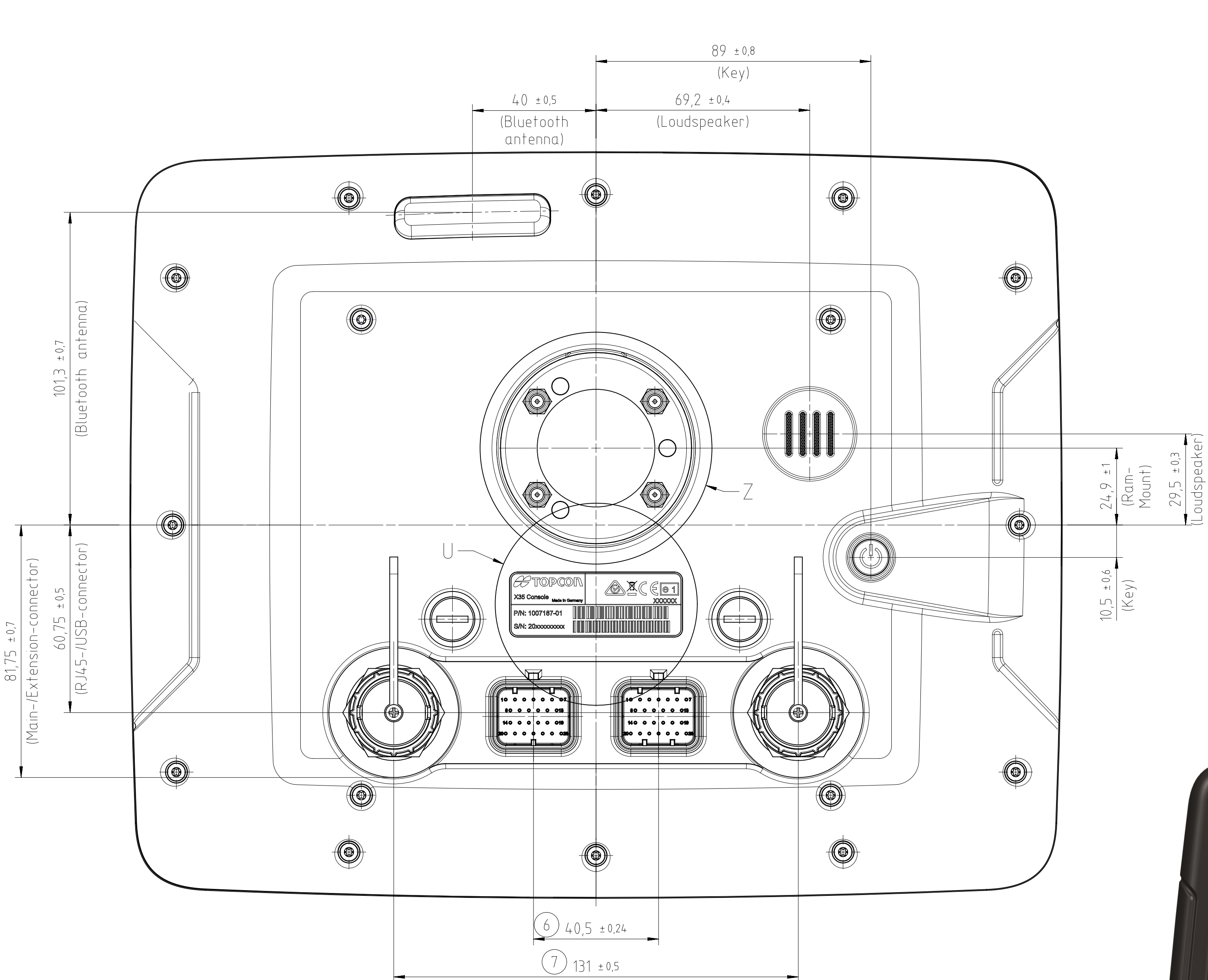
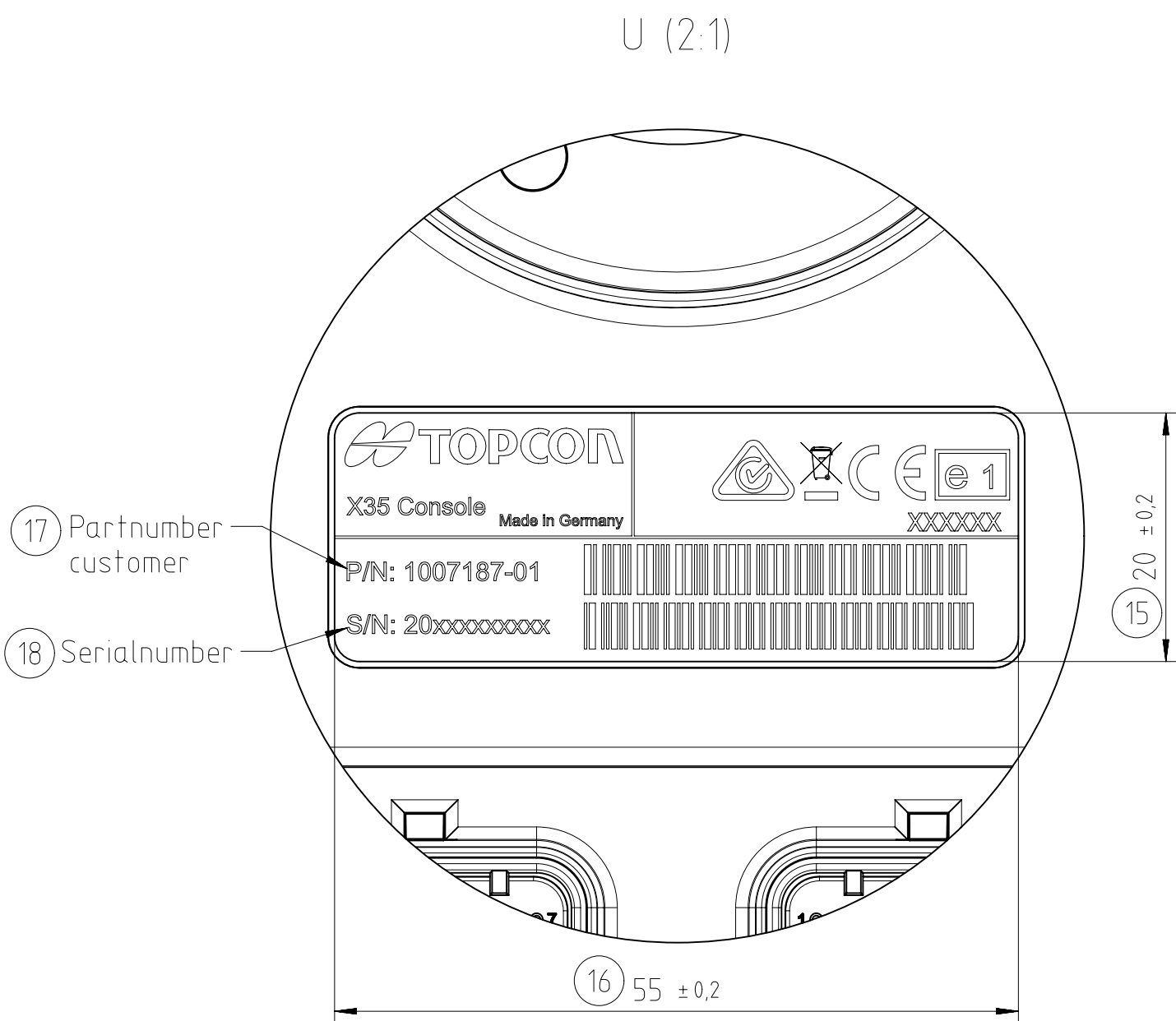
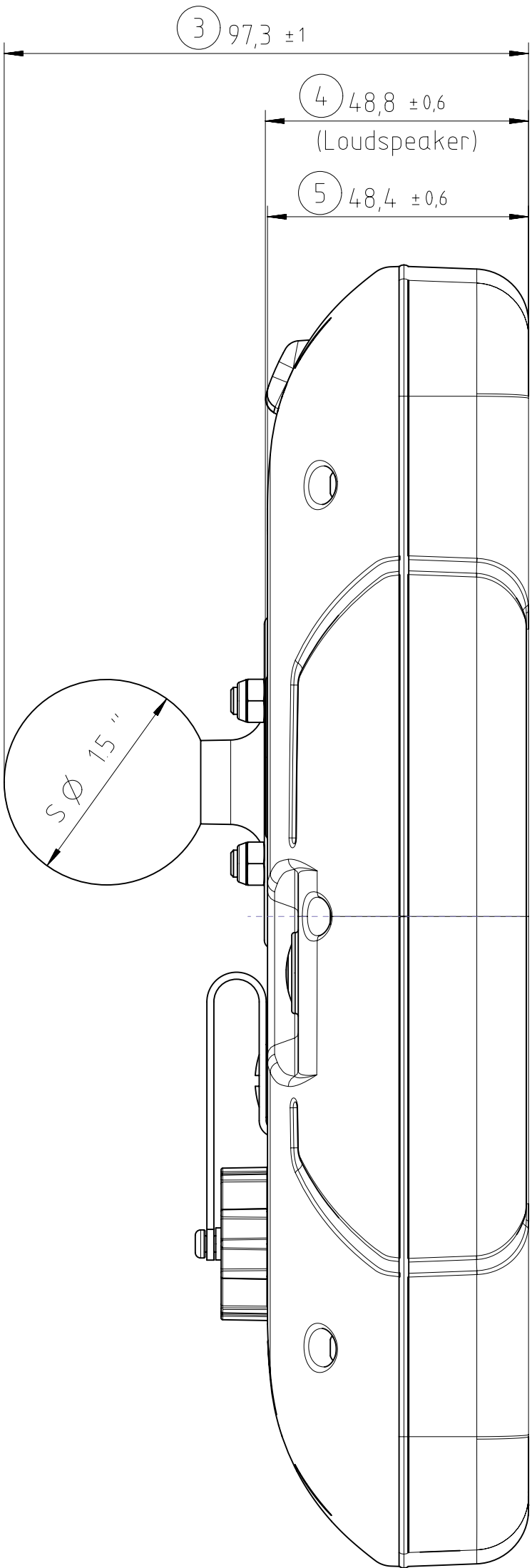
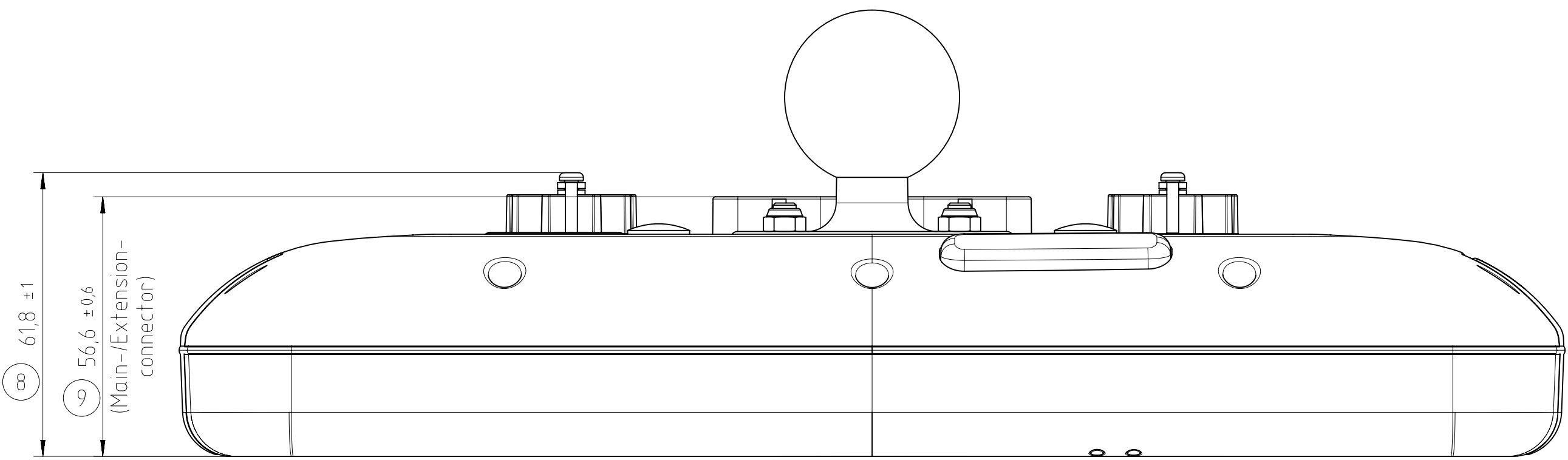
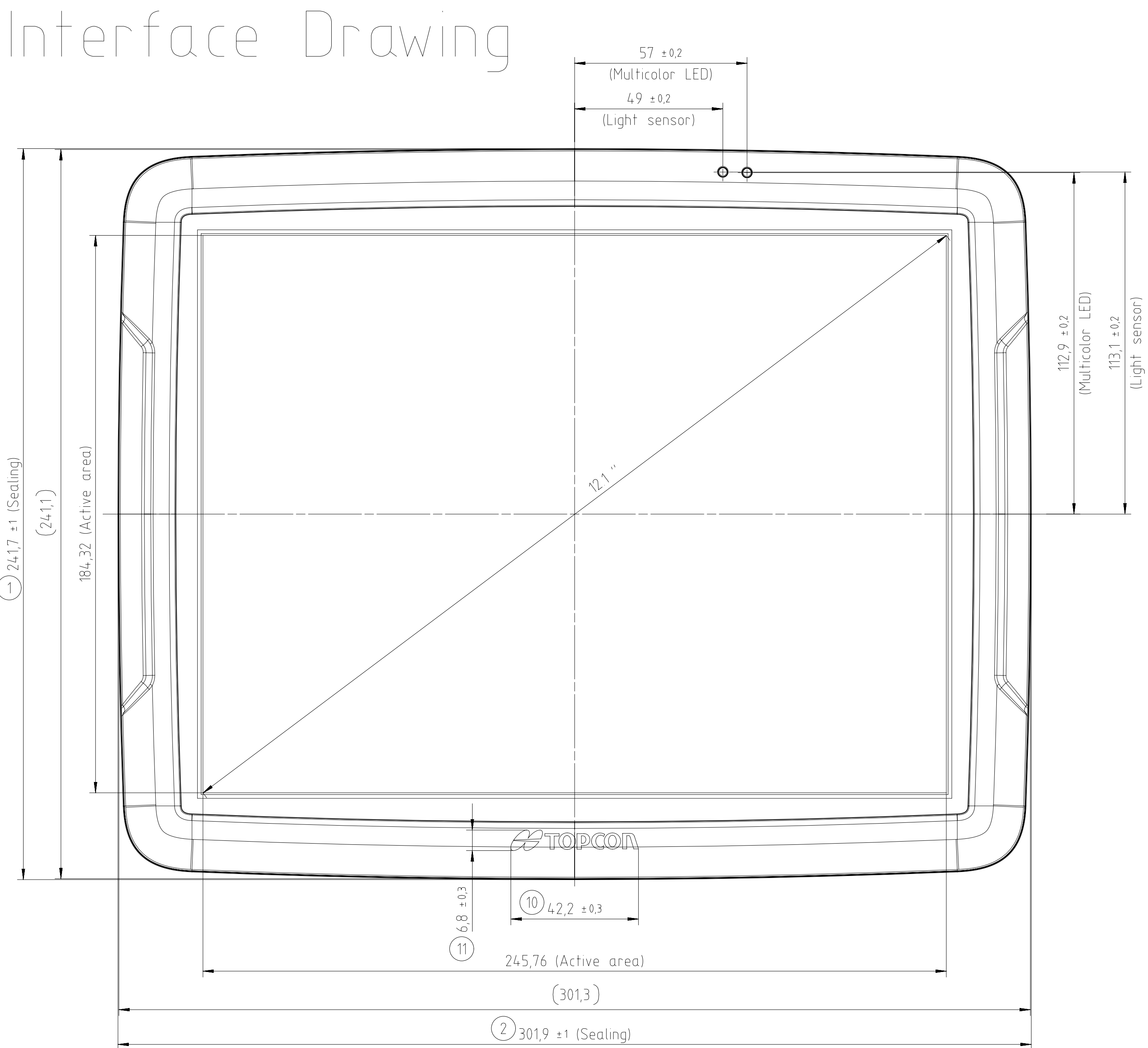
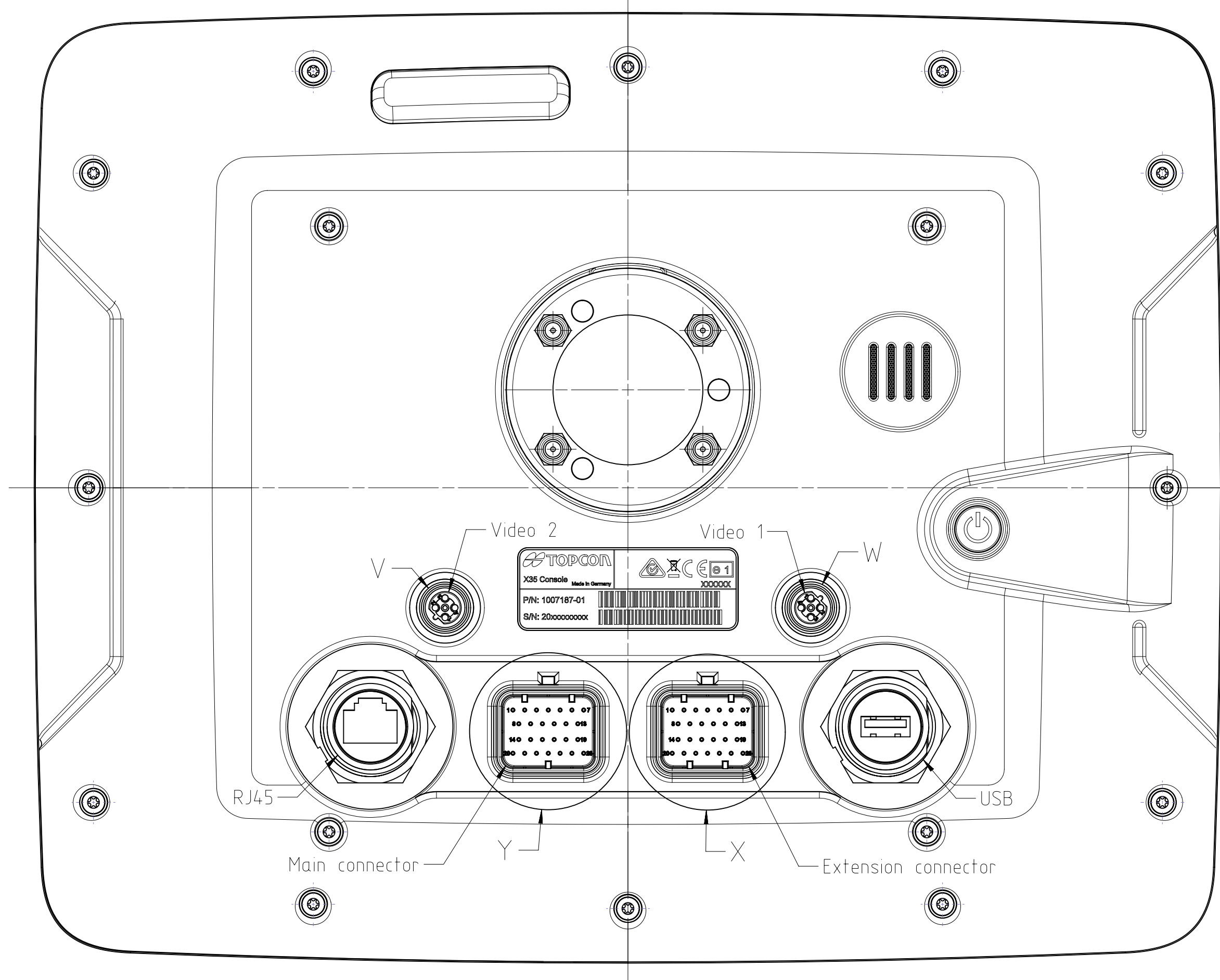


Interface Drawing



View without caps



Main connector

Mating Connector for customer:
Tyco Electronics 3-1437290-7

Mating Crimp Contact for customer:
Tyco Electronics 3-1447221-4

Pin	Assignment
1	Power input
2	Remote power switch (K115)
3	Frame ground
4	No Connect
5	Headphone Left
6	Headphone Right
7	Headphone ground
8	CAN 1 H
9	CAN 1 L
10	CAN 2 H
11	CAN 2 L
12	USB 1 5V
13	USB 1 Ground
14	USB 1 N
15	USB 1 P
16	RS232 1 RX Data
17	RS232 1 TX Data
18	Ground (reference for all RS232)
19	Radar Input
20	Analogue Input 1
21	CAN 3 H
22	CAN 3 L
23	CAN 4 H
24	CAN 4 L
25	Digital Input 1
26	Digital Input 2

Extension connector

Mating connector for customer:
Tyco Electronics 3-1437290-8

Mating crimp contact for customer:
Tyco Electronics 3-1447221-4

Pin	Assignment
1	RS232 2 RX Data
2	RS232 2 TX Data
3	Switched power output ground
4	RS232 3 RX Data
5	RS232 3 TX Data
6	Switched power output ground
7	Radar Speed output
8	RS232 2 RTS
9	RS232 2 CTS
10	Switched power output ground
11	RS232 4 RX (for development pp)
12	RS232 4 TX (for development pp)
13	Switched power output ground
14	n.c.
15	n.c.
16	n.c.
17	n.c.
18	Switched power output ground
19	Digital Input 3
20	n.c.
21	n.c.
22	n.c.
23	Switched power output ground
24	Switched power output
25	Switched power output ground
26	Switched power output ground

M12 video connector 1

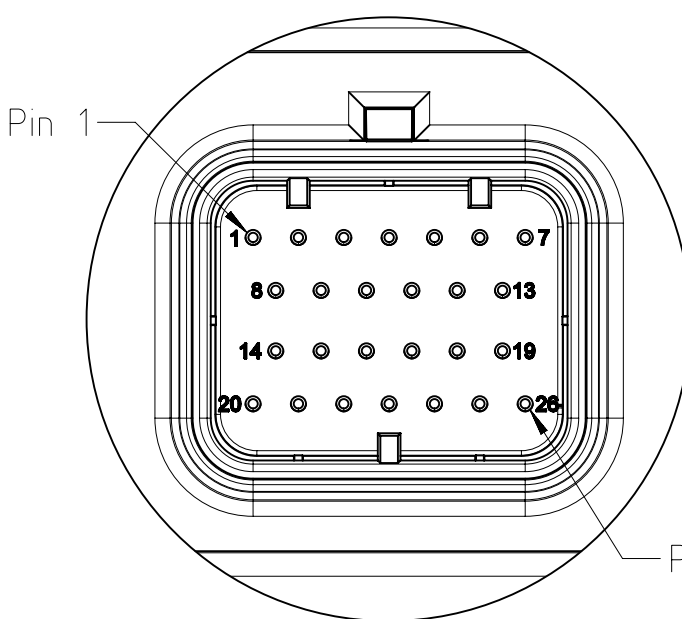
Pin	Assignment
1	VidSig+
2	Switchable output, e.g. Mirroring
3	Camera+
4	Camera-
5	VidSig GND

M12 video connector 2

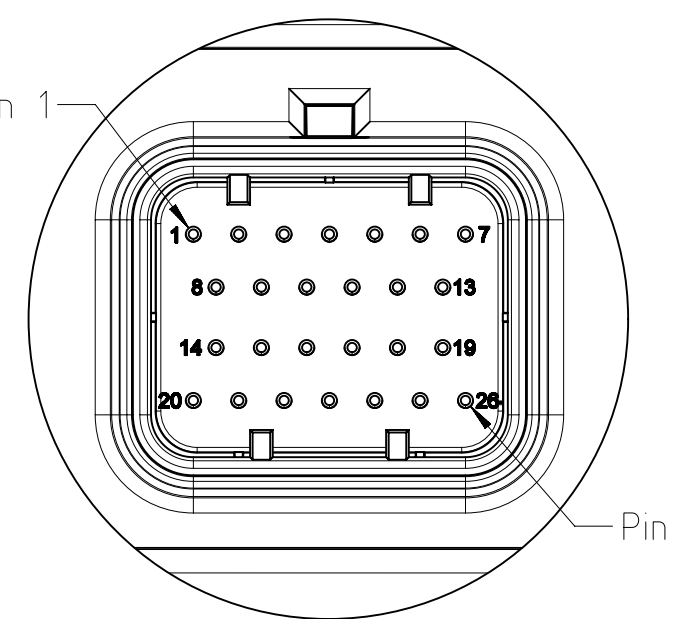
Pin	Assignment
1	VidSig+
2	Switchable output, e.g. Mirroring
3	Camera+
4	Camera-
5	VidSig GND

USB- and RJ45-connector
as international standard

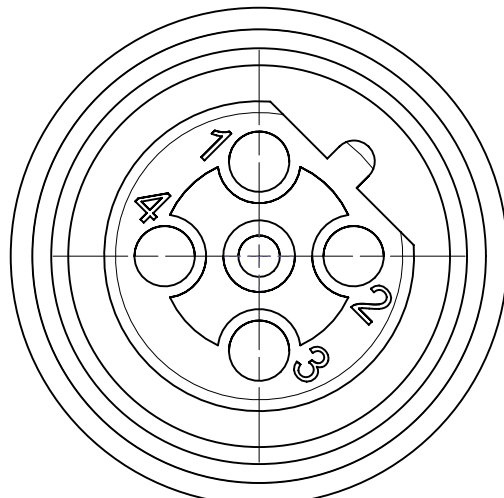
Y (2.1)
Main connector



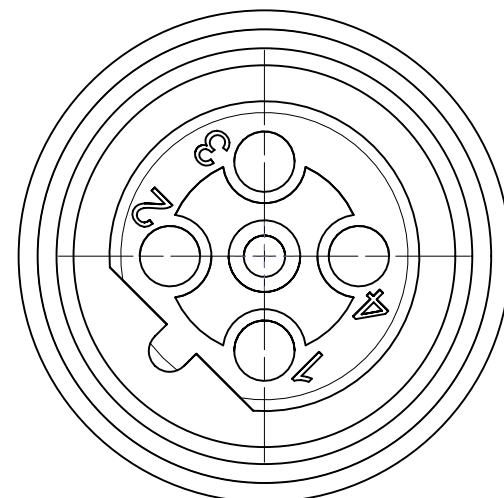
X (2.1)
Extension connector



W (5.1)
M12 video connector 1



V (5.1)
M12 video connector 2



Part checks:

- Checking characteristics for Initial Sample Test Report (ISR)
are marked with a balloon

Scope of application	Allowed deviation	Surface	Scale	Weight
For this drawing all rights are reserved. Delivery is made under license and without warranty (liability excluded).	General tolerance EN ISO 14345-1 EN ISO 1302	EN EN ISO 1302	1:1	2,950 kg
Date	Name	Name	Part name	
2024-03-13	2024	2024	X35	
Rev/Change	Date	Name	Item number	Sheet
1.0	2024-03-13	Wachendorff Elektronik	OPX35SLICANFC50.AC	1
				A0