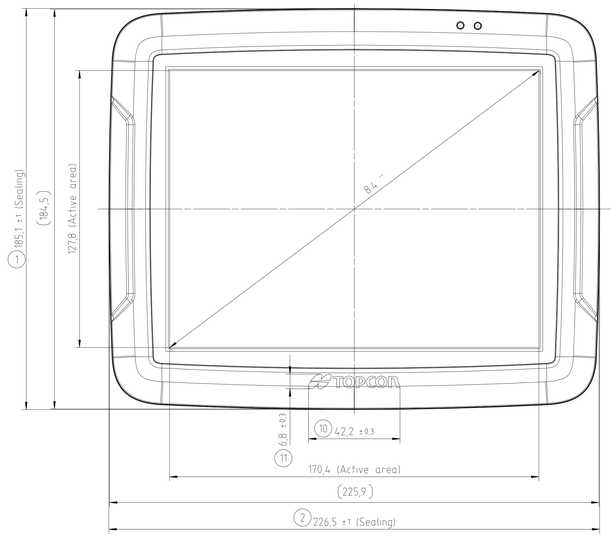
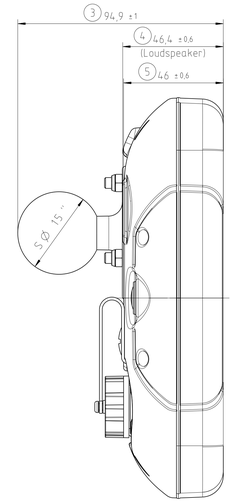
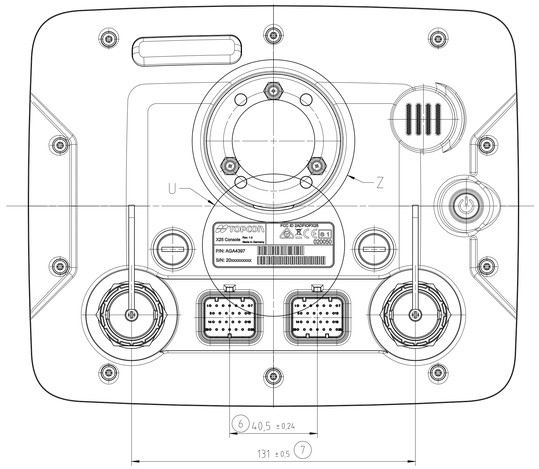
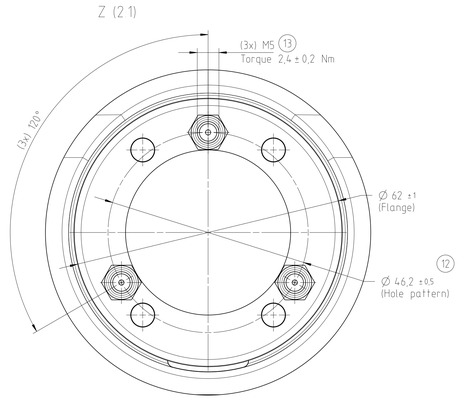
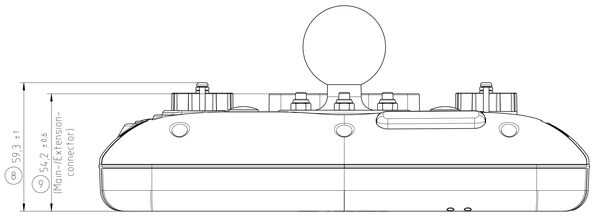
Interface Drawing

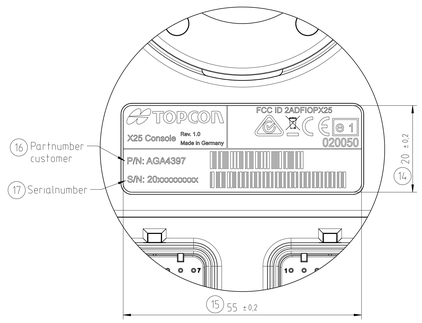




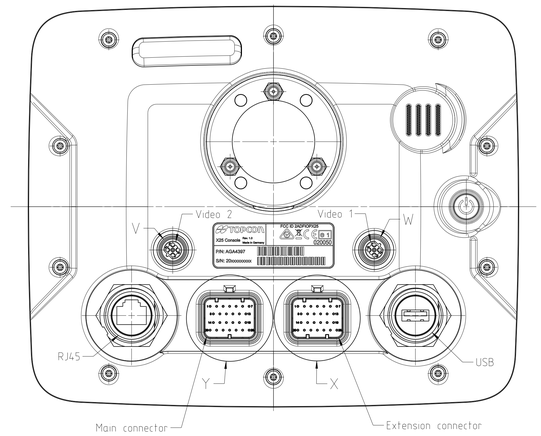








View without caps



Main connector

Mating Connector for customer
Tyco Electronics 3-1437290-7

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

Pin assignment	
Pin	Assignment
1	Power input
2	Remote power switch (KL15)
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	
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

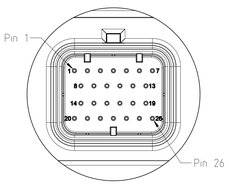
Pin assignment	
Pin	Assignment
1	VidSig+
2	Switchable output, e.g. Mirroring
3	Camera+
4	Camera-
5	VidSig. GND

M12 video connector 2

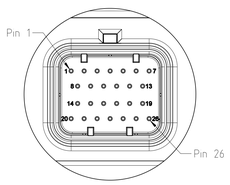
Pin assignment	
Pin	Assignment
1	VidSig+
2	Switchable output, e.g. Mirroring
3	Camera+
4	Camera-
5	VidSig. GND

USB- and RJ45-connector as international standard

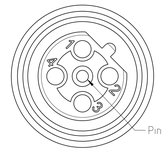
Y (2:1)
Main connector



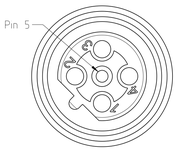
X (2:1)
Extension connector



W (5:1)
M12 video connector 1



V (5:1)
M12 video connector 2



Part checks

- Checking characteristics for Initial Sample Test Report (ISIR) are marked with a ballon

Scope of application	Allowed deviation	Surface	Scale 1:1	(Weight) 1,950 kg
For this drawing all rights are reserved. Delivery to third party, copying and otherwise misuse is forbidden (Protection against Unfair Competition Act	General tolerance DIN EN ISO 14405 E DIN	DIN EN ISO 1302	Material - (Material number) -	
	Date	Name	Part name	
Drawn	17.04.2015	SMR	X25	
Checked	-	-		
Norm	-	-		
Wachendorff Elektronik GmbH & Co KG Max-Planck-Str. 22b 97204 Geisenheim www.wachendorff.de			Item number OPX25SL1CANFC12_.AE	Sheet 1 A0
			Specherort -	

Rev	Change	Date	Name
-	-	-	-
AA	Start	21.01.13	SMR
AB	Lightseal changed, bluetooth antenna changed	14.06.13	SMR
AC	Gasketseal changed, bluetooth antenna changed	24.01.14	SMR
AD	Preserie	16.05.14	SMR
AE	Serie	19.11.14	SMR
AF	-	11.06.15	SMR