



XY900_DR Explosion-proof HMI

The iConEx XY900_DR series explosion-proof HMI is a touch-screen interface with a 32-bit RISC CPU and Linux kernel, offering fast processing, rich software functions, and wide PLC compatibility. Supporting Profibus-DP and CAN bus, it enables reliable data exchange and is ideal for automation in hazardous industries like oil, chemical, textile, pharma, metallurgy, and power.

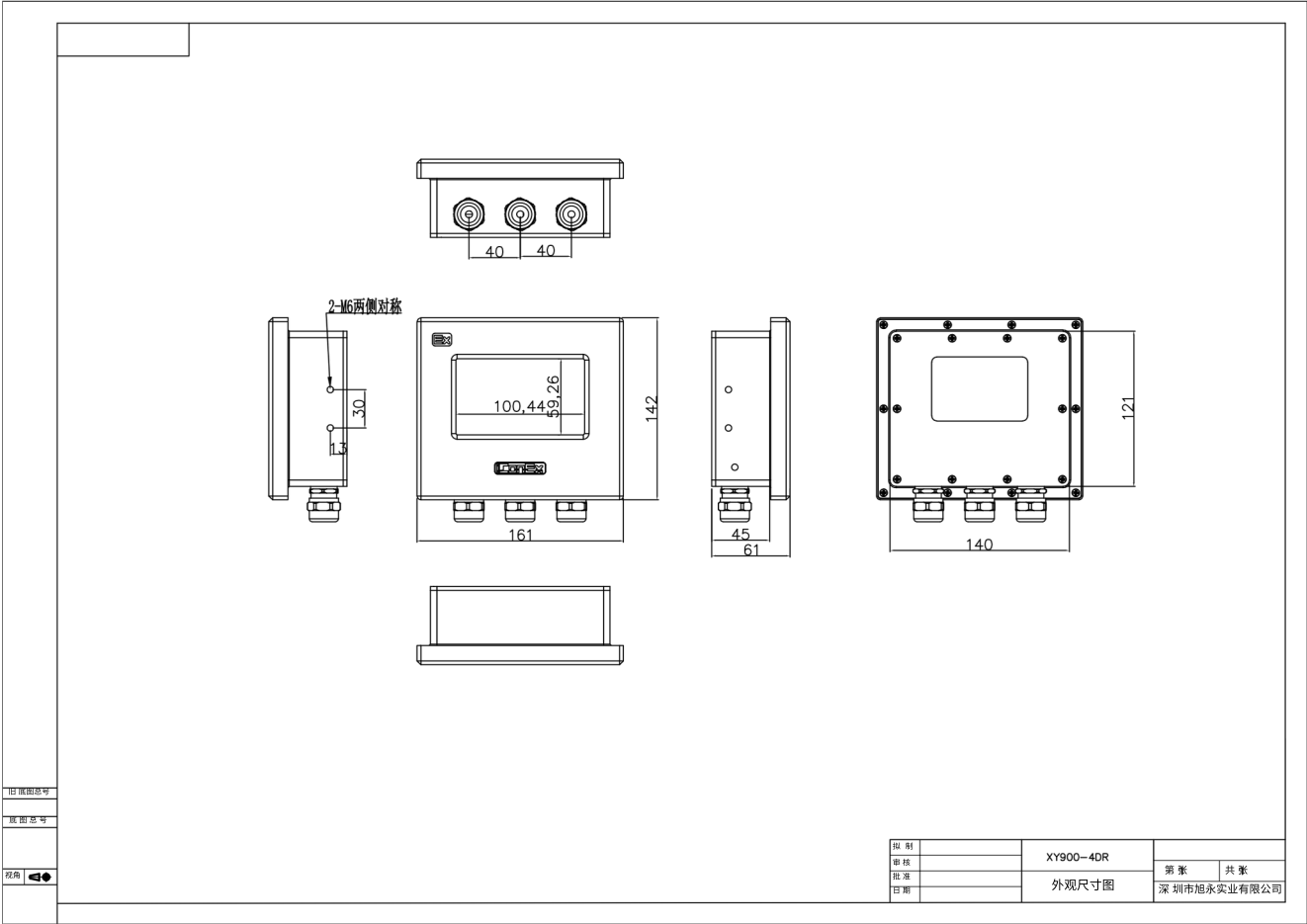
Benefits of

iConEx XY800_DR series HMI

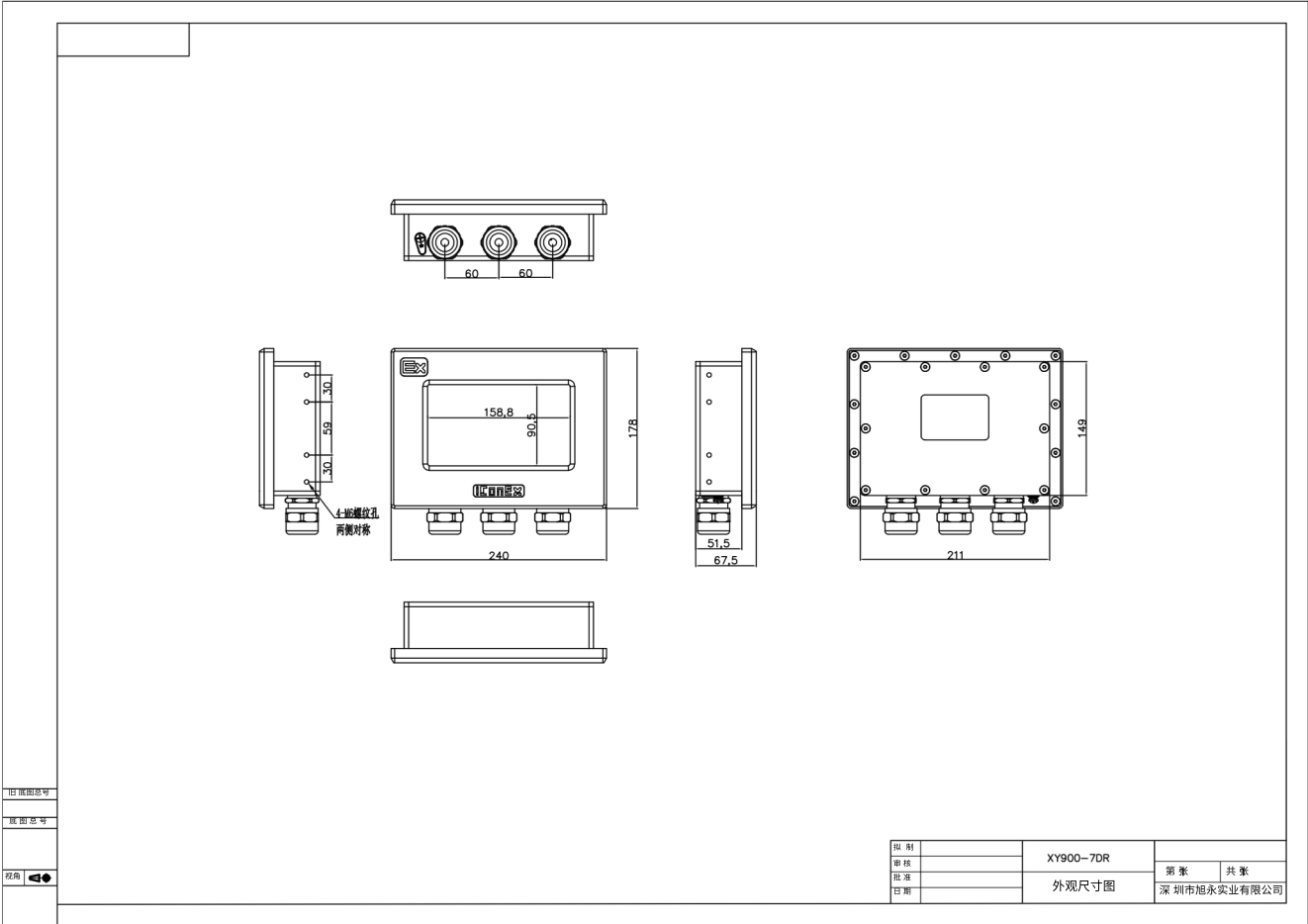
- IECEx/ATEX/CNEX certification
- Suitable for zone 2, 21, 22 hazardous areas.
- Full metal housing, explosion-proof for whole device
- 7"~22" multiple display size optional
- High resolution capacitive screen, anti-static protection
- High-performance 32-bit 1GHz RISC CPU
- Configuration software, support C-language macro scripts
- Support Profibus-DP, CAN, MPI bus communication
- Cross-port data exchange

Model	XY900_4D R HMI	XY900_7D R HMI	XY900_10 DR HMI	XY900_12 DR HMI	XY900_15 DR HMI	XY900_17 DR HMI	XY900_19 DR HMI	XY900_15 BDR HMI	XY900_19 BDR HMI	XY900_22 DR HMI	XY900_24 DR HMI
LCD type	TFT_LCD/LED backlight										
Display size	4.3"	7"	10.4"	12.1"	15"	17"	19"	15.6"	18.5"	21.5"	23.8"
Resolution	480*272	800*480	800*600 (4:3)		1024*768 (4:3)	1280*1024 (5:4)		1920*1080 (16:9)			
Color	65536					16.7M					
Brightness	300 cd/m² (Hight brightness≥600cd/m² optional)										
LCD lifespan	50000hrs										
CPU	32 Bit 800MHz RISC			32 Bit 1GHz RISC							
Memory	256M Flash + 256M DDR3 DRAM			4GB Flash + 512 DDR3 DRAM							
Communication interface	1*10M/100M ethernet RJ45+2*RS232/RS485/RS422 (for 4.3/7"/10.4" without COM1 port)										
USB	1*USB Host 1.1 port: supports USB storage, 1*USB Device 2.0 port: supports USB program download										
Program download	Configuration software: XYFD2000 V4.1, Support download via USB master/slave port and network port										
Ambient temp.	NT: 0 ~ 50℃ (LT: -20 ~ 60℃ / WT: -40 ~ 60℃ optional)										
Storage temp.	-40 ~ 70℃										
Ambient humidity	10 ~ 90 % RH (no condensation)										
Rated power	4W Max 6W	4W Max 8W	8W Max 10W	10W Max 12W	13W Max 15W	20W Max 55W	25W Max 60W	30W Max 70W	32W Max 70W	35W Max 75W	40W Max 85W
Voltage level	DC 24V, working range DC 21V ~ 28V (power failure <3ms allowed)										
Electrical interface	3*M20x1.5H	4*M20x1.5H		4*M20x1.5H		6*M20x1.5H	8*M20x1.5H	6*M20x1.5H	8*M20x1.5H		
Product weight	about 3Kg	about 4Kg	about 5Kg	about 8Kg	about 10Kg	about 13Kg	about 15Kg	about 12Kg	about 14Kg	about 18Kg	about 22Kg
Protection level	IP66										
Ex-proof mark	Ex nR IIC T6 Gc; Ex tb IIIC T80℃ Db										
Certificate	IECEX, ATEX, EAC, CNEX										

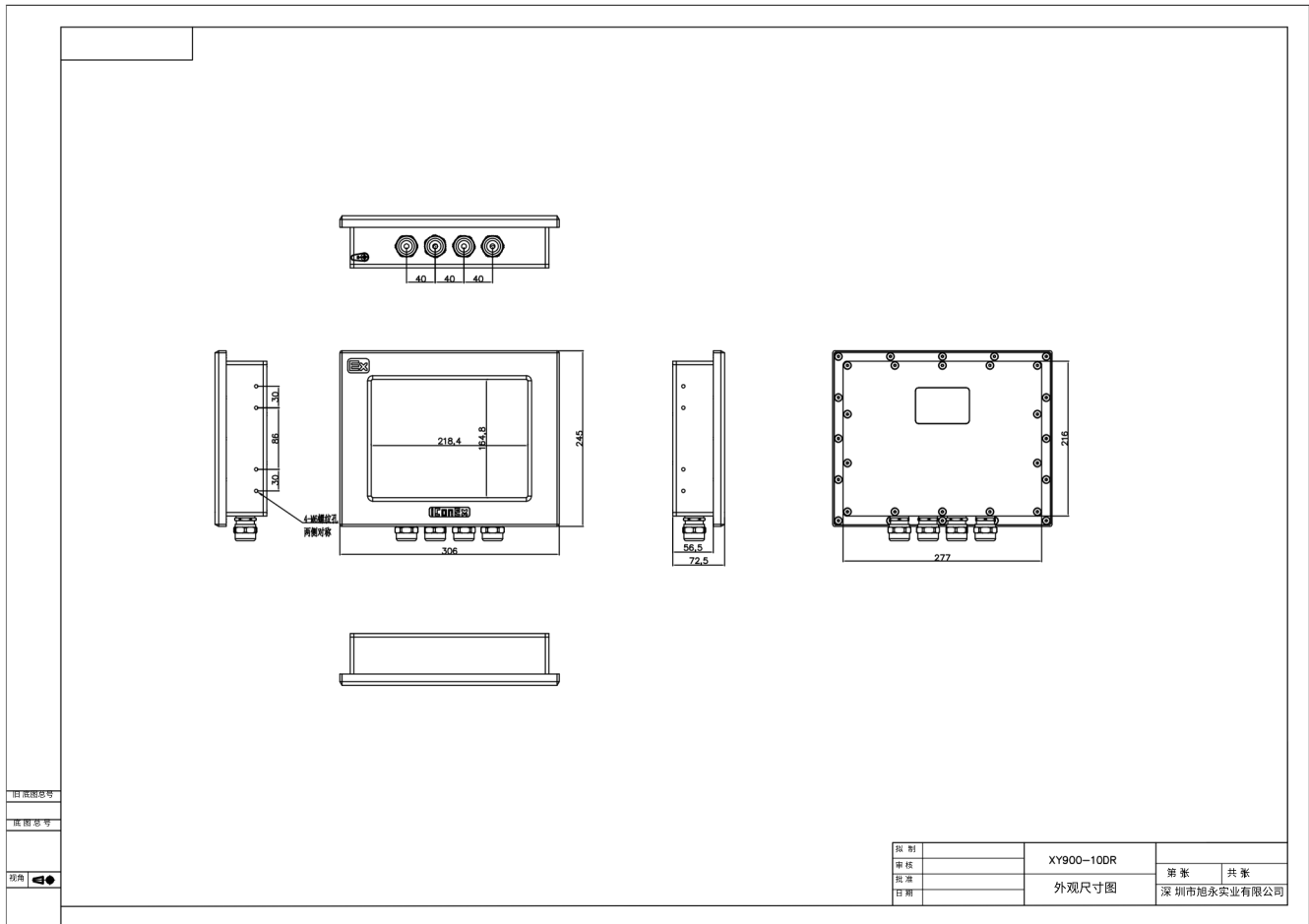
XY900-4DR



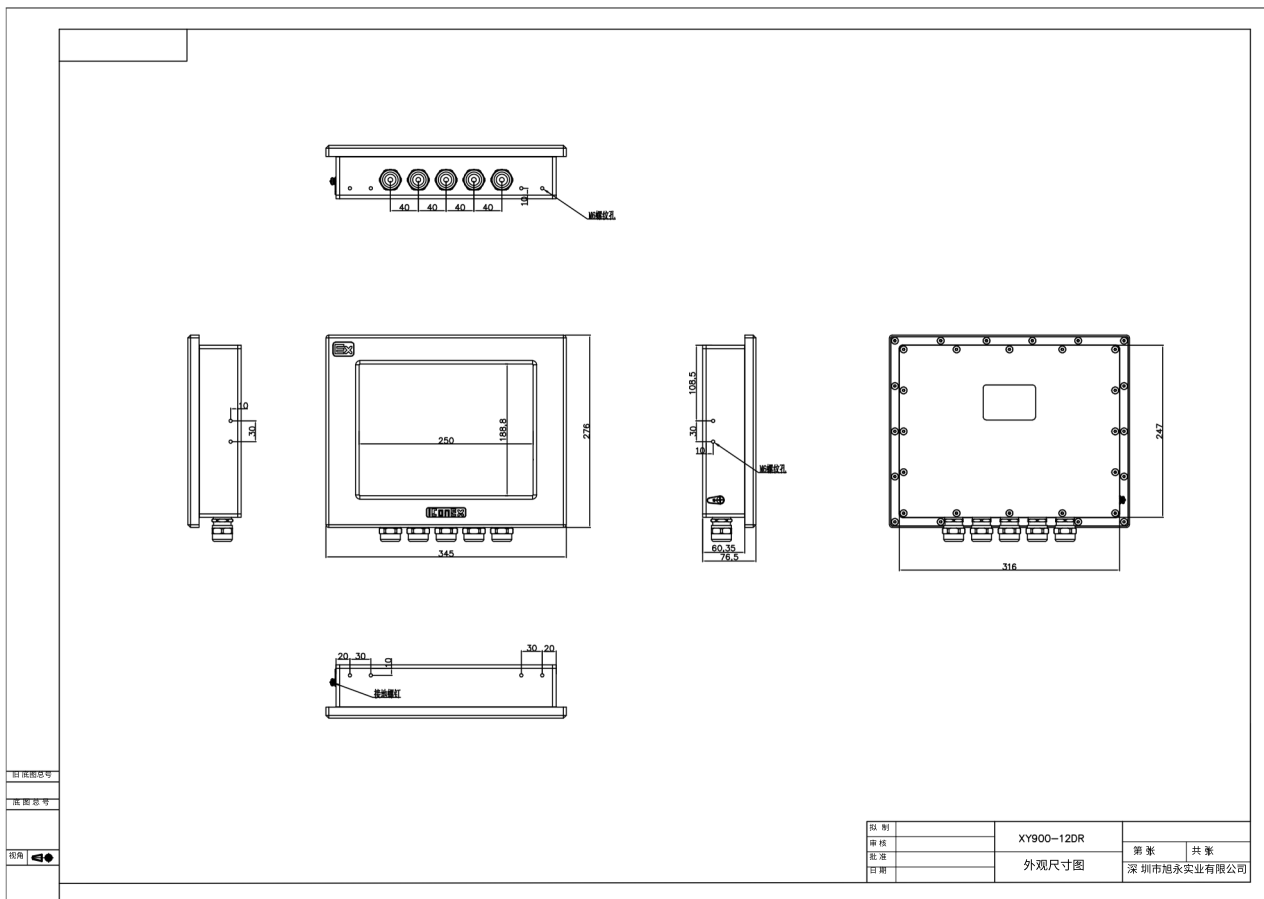
XY900-7DR



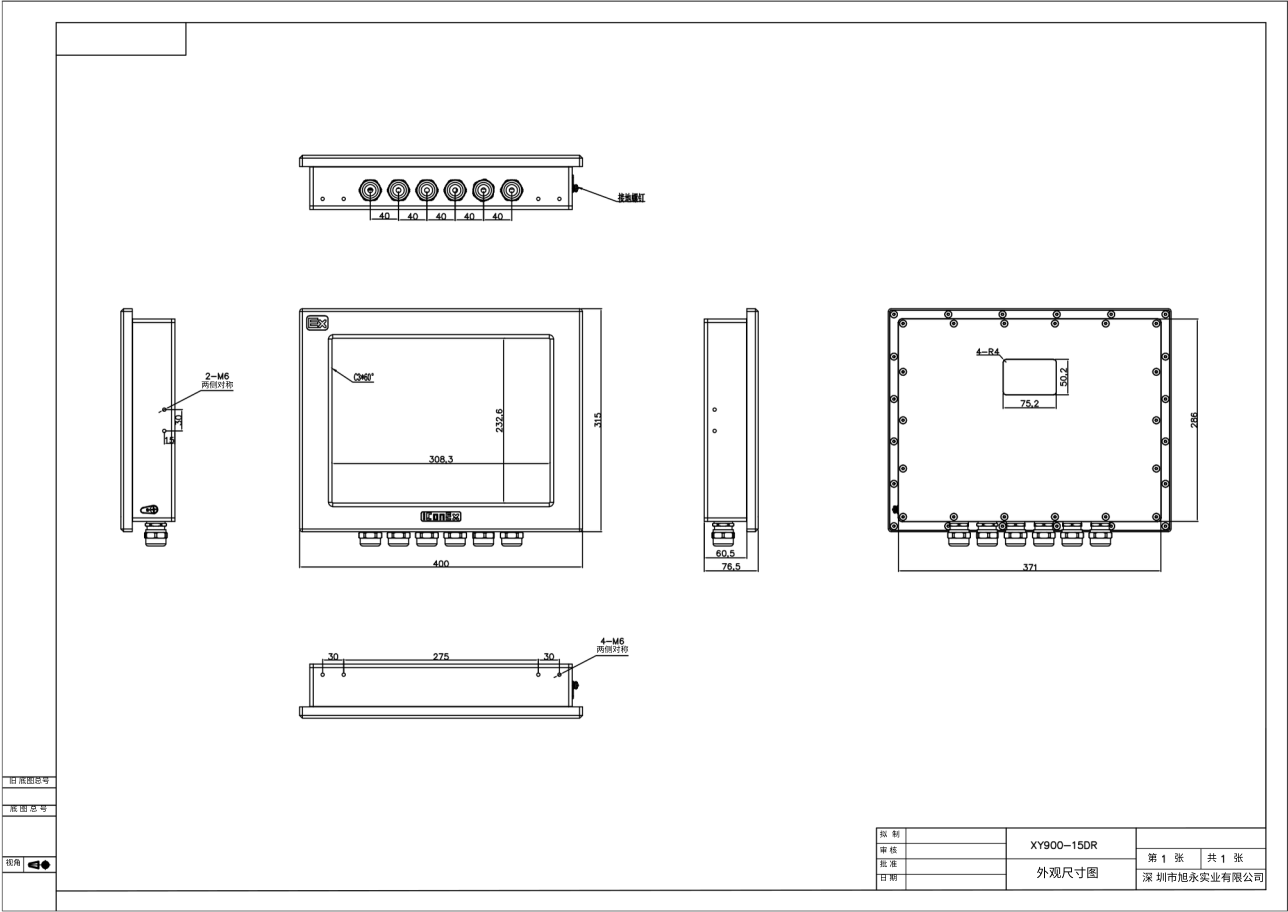
XY900-10DR



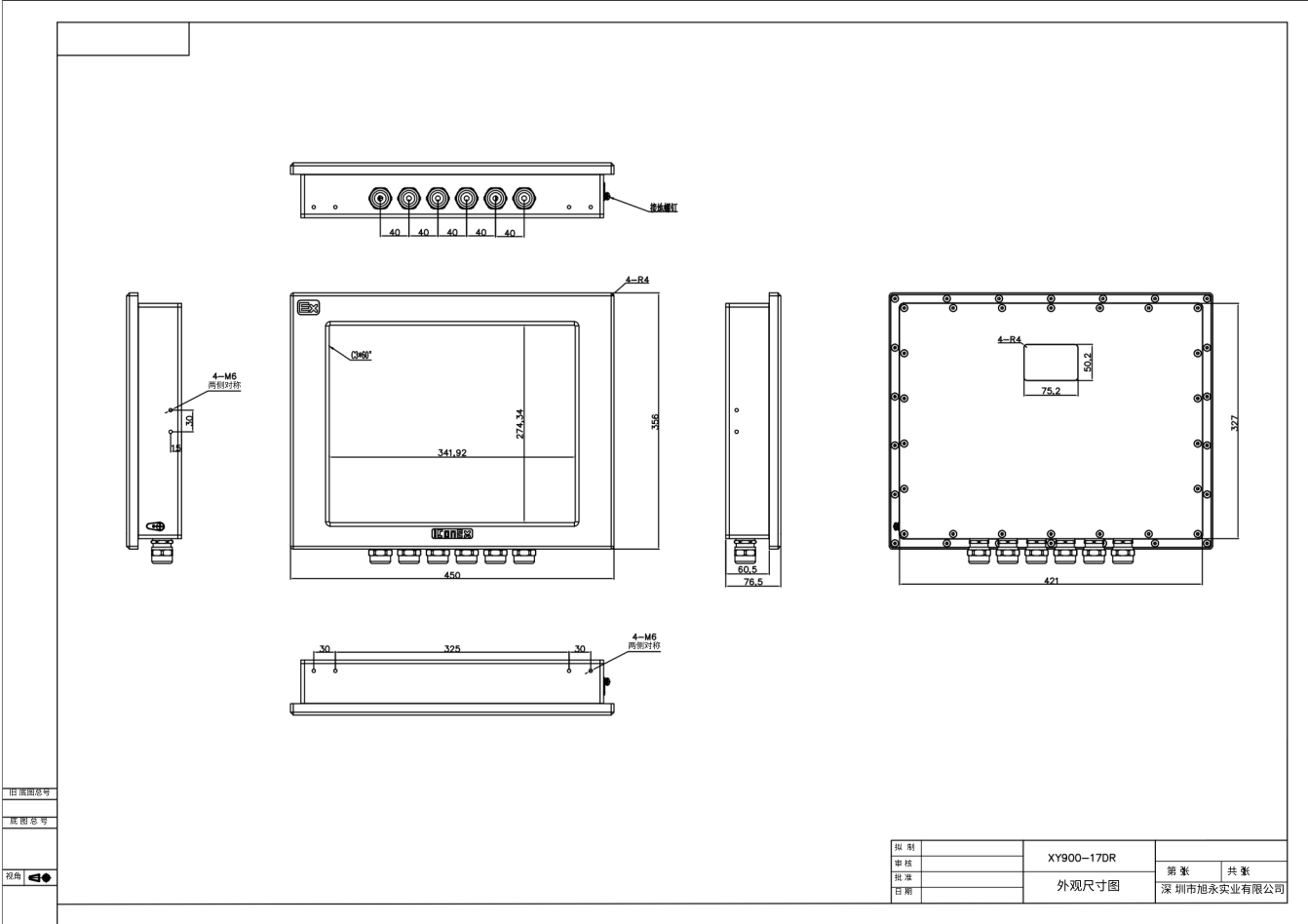
XY900-12DR



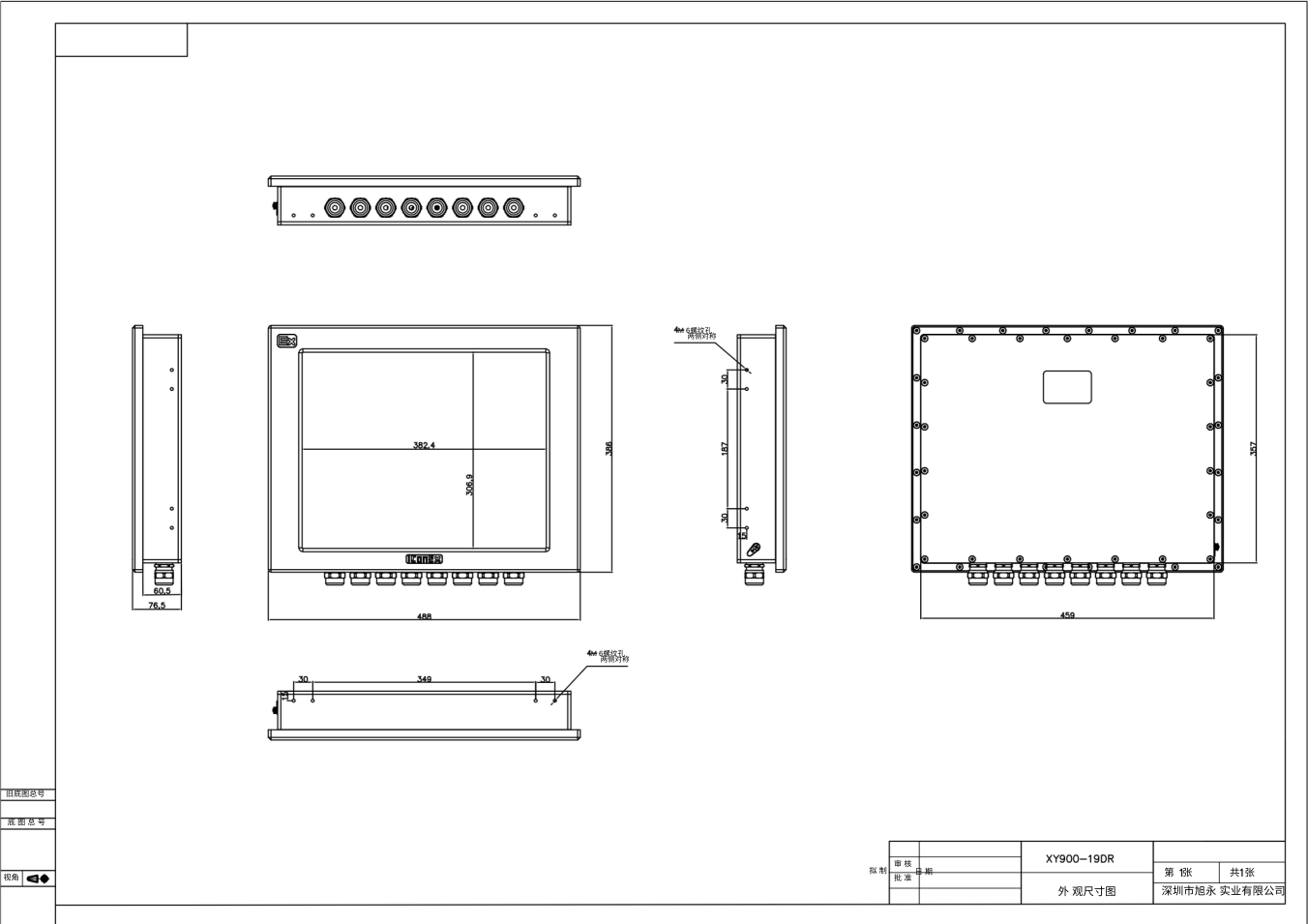
XY900-15DR



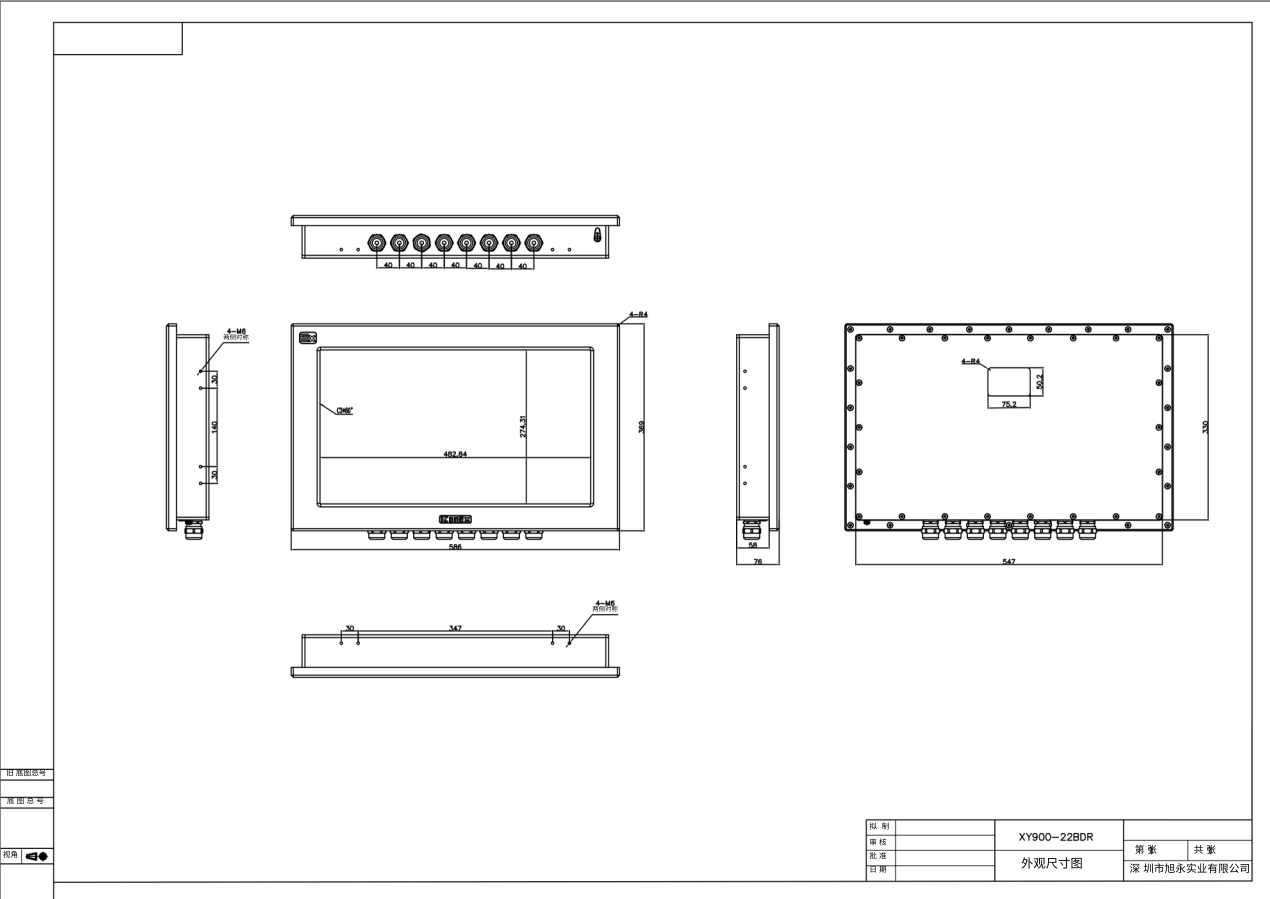
XY900-17DR



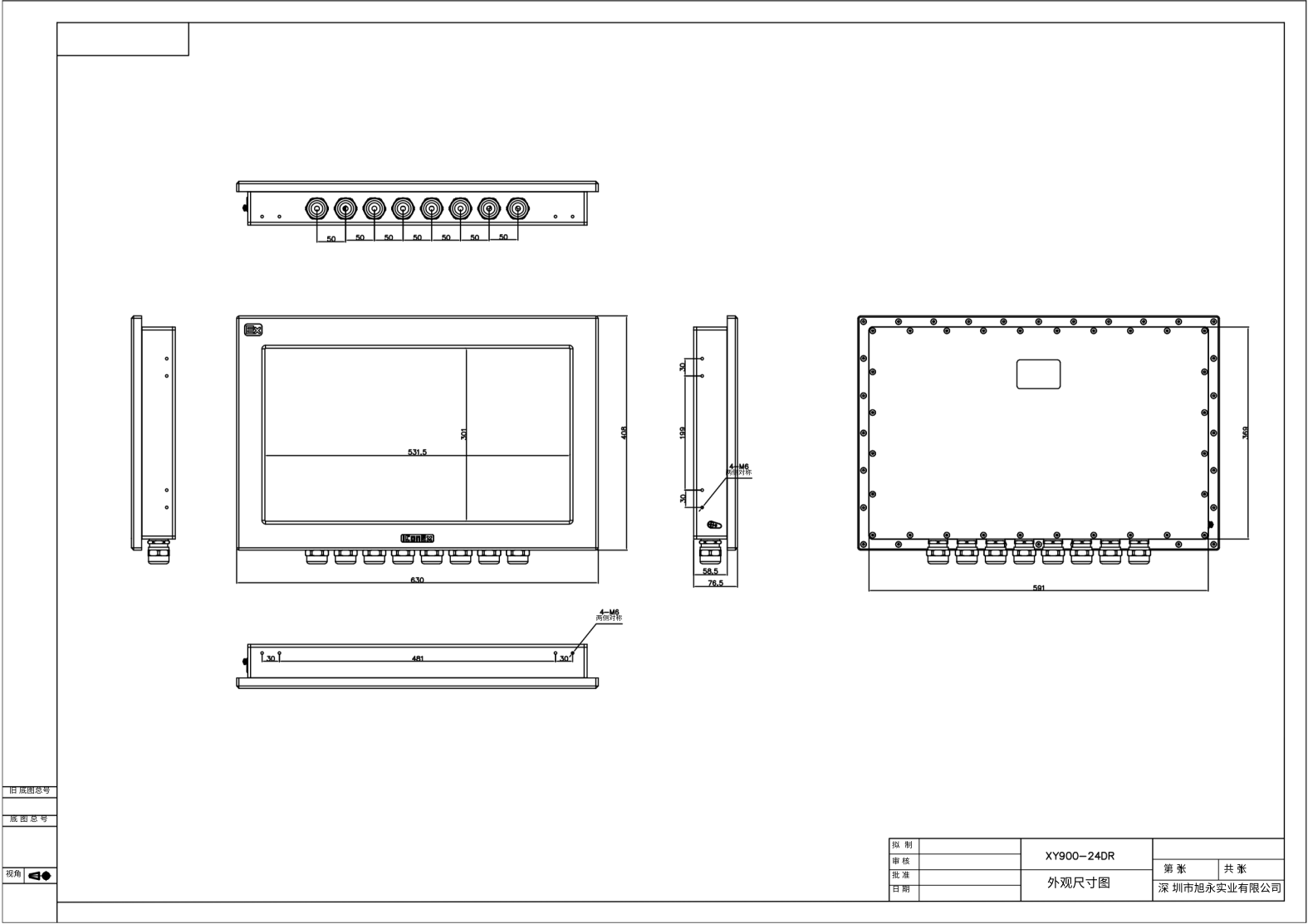
XY900-19DR



XY900-22BDR



XY900-24DR



图例说明

底图总号

视角

拟制		XY900-24DR		
审核			第 张	共 张
批准		外观尺寸图	深 圳 市 旭 永 实 业 有 限 公 司	
日期				

Images of

iConEx XY900_DR series HMI



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