



PIECO INTEGRATION SYSTEM

INTEGRO 2000





Compliance / Safety conformance required:

- Conformance to IEC60601 -1 standards 2nd and 3rd edition, CE
- Firewall protection of the controllers – by controlling the incoming and outgoing network traffic and allowing only trusted network connections to the servers, external PC control.
- The controller should have a built in mechanism to protect itself from damage and shut down automatically in case of some malfunction.

Main Voltages:

- Voltage 100-240V AC
- Mains Frequency: 50 Hz - 60 Hz
- Maximum power consumption is 200 VA
- Conformance to EMI/EMC standards in accordance IEC 60601 -1-2

Operating conditions:

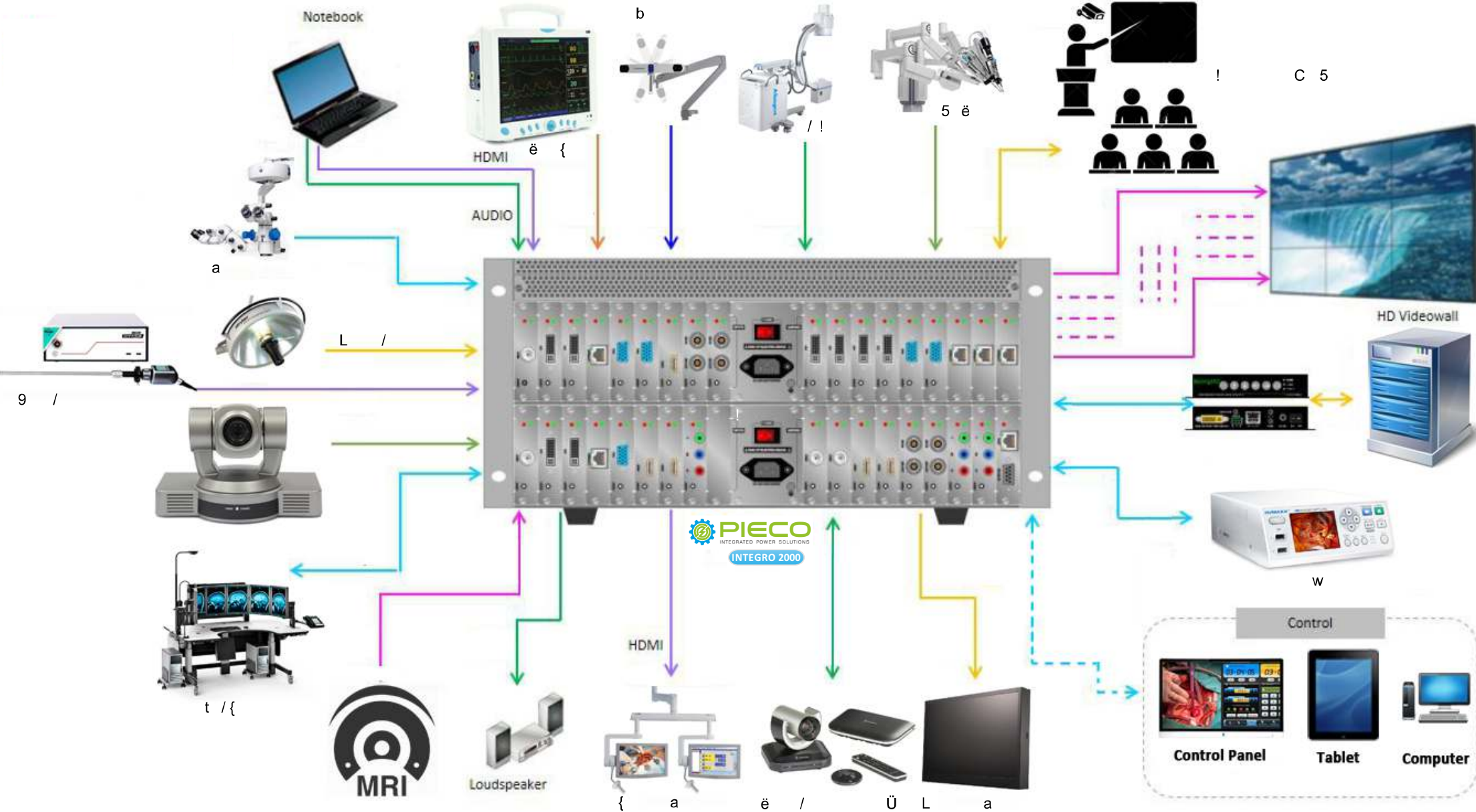
- The system should be able to operate within the
- Minimum Ambient Temperature +5°C and Maximum Ambient Temperature +35°C
- Minimum Relative Humidity 30 % rel and Maximum Relative Humidity 80 %



SUPPORTED VIDEO FORMATS

- S- Video
- Composite
- RGBHV
- 3G-SDI
- DV
- 3D Video

The **INTEGRO 2000** Compatible With Standard Video Signals and Supports Resolutions Including 1080p and up to 1200p



Technical Specification

Description	Supports 17 High resolution Mixed Insert Cards (Inputs/Outputs \leq 17)
Control Slot	1
Inputs Slot	1~16
Outputs Slot	1~16
Inputs card	Supports DVI, VGA, CVBS, HDMI, 3G-SDI, YPbPr, HDBT, Fiber Optic all kinds of ports input, no need any convert cables
Output card	Supports DVI, VGA, CVBS, HDMI, 3G-SDI, YPbPr, HDBT, Fiber Optic all kinds of ports input, no need any convert cables
Resolution	Supports all the resolution of 680x180~1920x1200@60Hz (VESA standard), 180i~1080p@60Hz (HDTV Standards) (3D & 2D)
Routing Modes	PIP, PAP, QUAD and Direct
Router Control	Touch Screen 20 inches
Protocol	Supports DVI1.0 and HDMI1.3, HDCP and EDID management
Color Space	Supports RGB4:4:4, YUV4:4:4, YUV4:2:0 and YUV4:2:0 and gamut extension
Transmission Bandwidth	10.2Gbps
Transmission Distance	25m(Digital Cable), 30M(Analog Cable), 100m(Cat6), 300m(Dual model Fiber Optic), 2km(Single model Fiber Optic)
Control Ways	Front Buttons, IR, RS232 and LAN control
Working	Temperature: -20°C to +70°C, humidity: 10% to 90%
Storage	Temperature: -20°C to +50°C, humidity: 10% to 80%
Dimension	440mmx400mmx98mm (2U)
Weight	12.5Kg
Power	100W
Power supply	100~260V 50/ 10Hz
Safety guarantee	Supports dual power system and 7x24 no stopping working ability
Average obstacle time	10,000 hours