

LABORATORIUM MICROTEACHING BASIC



**ARION
INDONESIA**

www.arionindonesia.co.id
Jl . Lodan 129 Malang
info@arionindonesia.id

RUANG PRAKTIKUM

MEJA KOMPUTER GURU

MGLab

Meja Guru :
Bahan Multiplex dilapisi HPL
Ukuran : 142 x 60 x 75.5 cm



KURSI MAHASISWA

Fortuner

Rangka : Pipa Bulat 22,7mm, kaki belakang bentuk U
Finishing : Chrome Plating, dudukan cat
Upholstery : PVC Vinyl
Memo Table : multiplex 18mm, lapis fomika putih



CAMERA CCTV

Hikvision/ sejenis

2MP SMART HD Camera
2 MegaPixel resolution
3.6mm built-in lens
18pcs IR LED, Max•IR LEDs length 20m
1080P @25fps / 1080P @30fps
Digital WDR, Digital Noise Reduction, Day & Night Mode
AHD/TVI/CVI switchable mode



INTERACTIVE WHITE BOARD

Tacteasy/ sejenis

Infrared technology, Fingers write directly
10 users writing, 10 points touch
Support Windows/Mac/Linux system
Ten users write at the same time,
infrared sensor technology,
with finger touch directly for operation;
Strong anti-resistance to light, work directly under sunlight
USB works as direct power supply, update and data transfer
Free software update for lifelong
Scale: 4:3, Active Area(mm): 1642*1109
Outline area(mm): 1776*1245
Boards material: Aluminium honey comb
Technology: infrared, writing type: finger or pen
Positioning Accuracy: ≤0.2mm, Touch Preciseness: 32768*32768
Stand USB Length : 6m(10m optional)



LCD PROJECTOR SHORT THROW

Epson / Sejenis

4000 lumens
Resolution : XGA (1024*768)
Contrast Ratio : 13000:1
Aspect Ratio : 16:10/ 16:9/ 4:3
Bracket LCD, Kabel VGA, Plus pasang



SPEAKER PASIF

BMB

2 ways 3 speakers, bass reflex type
Max. Allowable input 600W
304,8 mm cone type (woofer)
76mm cone-type x4 (tweeter) 10
Impedance max.8
Frequency range 48 Hz-20KHz
Rate sensitivity 92dB (1W/1m)
Crossover frequency: max. 3KHz
Anti-magnetic type



KURSI MASTER

MGLab

Kursi dapat diputar
Mempunyai sandaran lengan
Tinggi dapat diatur



KARPET

Jawa

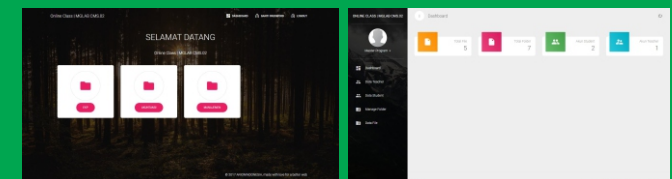
Bahan terbuat dari serabut plastik, tebal 4mm
Polypropylene, Lebar 4 meter dan panjang
mengikuti ukuran ruangan lab & dilapisi karpet



SOFTWARE MANAGEMENT PEMBELAJARAN

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pembelajaran materi secara online
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RUANG OPERATOR

KOMPUTER MASTER

Processor Intel® Core™ i5
Memory 8GB DDR4
Storage 512 GB SSD
Monitor 21.5 inch
Windows 11 Home
DVD RW
Keyboard + Mouse

Acer



TV TUNER CARD HDMI

Ezcap

HDMI capture dengan interface USB 3.0 support max res. 60fps UVC standard, gak perlu driver tambahan alias plug n play, Support semua OS baik Windows, Mac, Linu, maupun Android
Support berbagai macam software broadcasting / recording seperti Vmix, Skype, YouTube live, FB live, Dacast, OBS, dll



SPEAKER AKTIF

Advance / sejenis

Plug & Play, Line Control Volume, 3.5mm stereo jack
USB power DC 5V, Power output : 1.6Wx2 (RMS)
P.M.P.O : 30W
Frekuensi : 60Hz - 18Khz



MEJA OPERATOR

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Meja Bahan Multiplex di lapi HPL
Ukuran PxLxT = 181cm x 60 cm x 75.5cm



TV LED 32"

Samsung / sejenis

Resolusi Layar 1366 x 768
Dolby Digital plus
Clear Motion Rate: 100
Motion Refresh Rate: 50Hz
Dynamic Contrast Ratio: Mega contrast
Wide Color Enhancer (Plus)
include rak TV



AMPLIFIER

AXL Audion / sejenis

200Wx2 (8 Ohm)
350Wx2 (4 Ohm)
500Wx2 (2 Ohm)
bridge 950W
toroidal trafo



MIXER AUDIO 8 CHANNEL

Behringer Xenyx 1204 USB / sejenis

2 Stereo Return, 2x1/4" TRS ALT 3-4 Output
2x1/4" TRS Control Room Output
3 Band EQ on Every Channel
12-Segment Stereo LED Meters



MIC WIRELESS FREKUENSI UHF (2 mic)

Shure PGX-242 / sejenis

Audio frequency response (+/- 2dB)
Minimum: 45 Hz/Maximum: 15 KHz
Dynamic Range: less than 100dB
A Weighting Temperature Range: -18 to +50°C
High-Impedance 1/4 inch output head-end voltage is generated



KURSI OPERATOR

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UPS 1200 VA

APC

Capacity 1200 VA



DIGITAL VIDEO RECORDER (DVR)

Hikvision / sejenis

Supports HDCVI/AHD/TVI/CVBS/IP Video inputs
Max 5/10 channels IP camera inputs, each channel up to 2MP/5MP, max 20/40Mbps incoming bandwidth, Long transmission distance over coax cable
Supports 1 SATA HDD, up to 6TB



INSTALASI DAN KABEL

MGLab

PC : Kabel 3x1.5 mm
UPS : Kabel 3x2.5 mm
Kabel LAN : Belden Cat 6



RUANG OBSERVASI

KURSI MODEL SEKRETARIS

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Kursi dapat di putar
memiliki sandaran lengan



TV LED 32" + INSTALASI + RAK TV

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SEKAT RUANG

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Kaca menggunakan kaca film one way

LABORATORIUM MICROTEACHING PLUS



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INTERACTIVE FLAT PANEL 65inch

+ Floorstand Bracket

- OS Version : Android 11.0
- OPS : Chipset : Intel, CPU : Intel®Core i7 10th Generation
- Memory : 16GB
- HDD : 256 SSD
- Touch Point : 40-point touch; 40-point writing under Windows; 20-point writing under Android
- Built-in Document Camera : 13MP (4K) (At the bottom of the frame)
- Built-in AI Camera : 48MP (4K)



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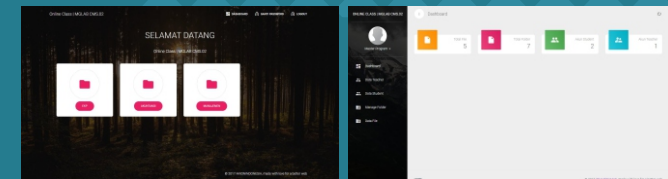
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CLASS RECORDING SYSTEM

Hikvision/IQBoard

- **Auto-Tracking Camera for Teacher and Student**
(Specification)
4K ePTZ camera. I 1/2.5 inch CMOS
8.51 MP resolution. I 1080P@30FPS output
Support at least 100 thousand hours continuous working



- **Ceiling Mic**
(Specification)
6 meters pickup radius.
Support AEC, AGC, ANS.
Support 2 cascade ceiling mics (room size up to 100m²)



- **Video Station**
(Specification)
Power over Ethernet (3*PoE+1*LAN)
11.6" capacitive touch screen
1080P real-time encoding
Built-in 1T hard disk
2 HDMI out and 1 HDMI in
2*Audio in and 2*Audio out
USB 3.0 for lectures capture
RTMP/RTSP/TS/RTMPS



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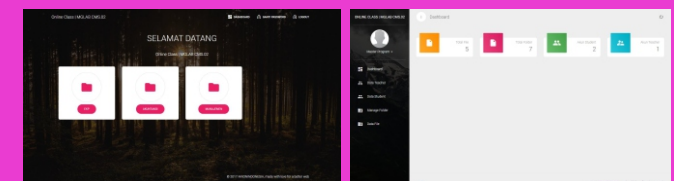
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