

1 MOBOTIX AG

Company Information

MOBOTIX AG

Kaiserstrasse
67722 Langmeil

Phone +49 (0)6302 9816-0

Fax +49 (0)6302 9816-190

info-intl@mobotix.com

<http://www.mobotix.com>

1.1 S74 Body for 4 Sensor- and Functional Modules



Functional Audio Modules:
via IO Interface Board

Functional MultiSense Module:
Mx-F-MSA (microphone, PIR, Ambilight, temperature)

Functional IR Light Module:
- Mx-F-IRA-W (for Super Wide Lens Sensor Modules 95°)
- Mx-F-IRA-S (for Standard & Wide Lens Sensor Modules 45°-60°)
- Mx-F-IRA-T (for Tele Lens Sensor Modules 15°-30°)

Product Designation:
S74A Solution Platform

Mx Ordercode:
Mx-S74A

EAN Code:
4047438035552

Intro Product:

S74A IP camera module (body) for connecting up to four additional functional and optical sensor modules (to be ordered individually) • ONVIF-S/T-compliant MOBOTIX 7 system platform with H.264/H.265 (Triple Streaming), MxPEG+ and M-JPEG • Image sensor options (via sensor module): 4K (8 megapixels), color (day) and/or B/W (night) and/or color (day/night with IR cut) • Lens options (via sensor module): horizontal image angle from 95° to 15° • Max. image size (per image sensor): 4K UHD (3840 x 2160 pixels), 16:9 • WDR: up to 120 dB • Functional extensions (via optional MOBOTIX modules): MultiSense (PIR, temperature, brightness sensor, Microphone), IR Light (supports 15°, 45°, 95° lenses), USB-C • Operating conditions: IP66/IK10 (housing), -40 to 65°C (-40 to 149 °F) • Internal DVR: 8 GB microSD (for MxPEG+ recordings) • Max. Power consumption: 25 W, supply via network cable, PoE Class 4 (IEEE 802.3af/at) • Connections: 1x RJ45 or 1x LSA board for weatherproof network connection via MOBOTIX patch cable (Ethernet 1000BaseT), 4x MOBOTIX module connection (2x optical/2x functional), USB-C, further connections via interface board • Software interface for MOBOTIX Certified Apps (based on Deep Learning, approx. 20 different 30-day demo versions pre-installed) • Housing: Aluminium, PBT-30GF • Color: white • Warranty: 3 years (optionally extendable up to 8 years)

Intro Web:
S74 Body for 4 Sensor- and Functional Modules

Camera Type:
hidden installation

Dual Camera:
Yes

Microphone:
optional via accessories

Speaker:
optional via accessories

Application Area:
Indoor
Outdoor

MxBus:
No

Housing Color:
white

Housing Material:
Aluminum

Tamper Detection:
Yes

Camera and data security:

- User and group management
- SSL connections
- IP-based access control
- IEEE802.1x - intrusion detection
- digital image signature

Software Features:

- H.264, H.265 Multistreaming
- Multicast stream via RTSP
- Digital zoom and pan
- ONVIF compatibility (Profile S & T)
- Genetec protocol integration
- Programmable exposure zones
- Snapshot recording (pre/post-alarm images)
- Continuous recording
- Event recording
- Time controlled flexible event logic
- Weekly schedules for recordings and actions
- Event video and image transfer via FTP and email
- Playback and QuadView via web browser
- Animated logos on the image
- Master/Slave functionality
- Privacy zone scheduling
- Remote alarm notification (network message)
- Programming interface (HTTP-API)
- MOBOTIX MessageSystem

Interfaces:

- USB-C
- 4 MOBOTIX 7 Module (2x optische Sensormodule + 2x Funktionsmodule)

Signal Input:
via IO Interface Board (Mx-F-S7A-INT01)

Signal Output:
via IO Interface Board (Mx-F-S7A-INT01)

RJ45 Ethernet Connectors:
via ETH Interface Platine (Mx-F-S7A-RJ45)

Height Packaging (mm):
90

Width Packaging (mm):
196

Length Packaging (mm):
296

Volume Packaging (l):

5.22144

Height Product:
37

Width Product (mm):
232

Depth Product (mm):
141

Status LED:
1 Multi-Color LED

Integrated IR:
via Functional Module

Power Consumption (W):
max. 25 Watts

Power Supply:
Max. PoE class 4 (IEEE 802.3af/at)

Intended Use:
No EX area;

Ambient Temperature (°C):
-40° to +65°C (-40 to 140°F)

IP Class:
IP66

IK Class:
IK10

Certificates:
- EN55032
- EN55035
- EN50121-4
- EN61000-6-1
- EN61000-6-2
- EN61000-6-3
- EN61000-6-4
- AS/ NZS CISPR32
- CFR47 FCC part15B
- EN62368
- NRTL

MTBF (h):
80.000h

PIR:
via MultiSense Functional module

Audio:
via Accessories

DVR:
MicroSD card (8GB), MxPEG+ recording only

Intelligent Video Analysis:

- Video motion
- MxActivitySensor
- MxAnalytics
- MOBOTIX Certified App Support

Protocols:

DHCP (client and server), DNS, ICMP, IGMP v3, IPv4, IPv6, HTTP, HTTPS, FTP, FTPS, NFS, NTP (client and server), RTP, RTCP, RTSP, SIP (client and server), SMB/CIFS, SNMP, SMTP, SSL/TLS v1.3, UDP, VLAN, VPN, Zeroconf/mDNS

Ethernet:

Gbit

Environmental Sensors:

via MultiSense Functional module

Mounting Options:

hidden installation

Max. Frame Rate:

- MxPEG: 20@4K
- H.264: 30@4K
- H.265: 30@4K

Max. Image Size:

4K UHD 3840x2160, 16:9

Image Format:

Freely configurable format 4:3, 8:3, 16:9 or customized format (Image Cropping), like 2592x1944 (5MP), 2048x1536 (QXGA), 1920x1080 (Full-HD), 1280x960 (MEGA)

PTZ:

digital

Light Sensitivity:

- Color sensor (day): 0,1 lx @ 1/60s; 0,005 lx @ 1s
- BW sensor (night): 0,02 lx @ 1/60s; 0,001 lx @ 1s

Video Codecs:

- H.264
- H.265 with Triple-Streaming
- MxPEG+
- MJPEG

ONVIF compatibility:

Profile S and T

Image Sensor:

4K UHD 3840x2160, 16:9

Wide Dynamic Range (WDR):

up to 120 dB

Multistreaming:

Triple Streaming

Quantity: Stk UP: TP:

