

1 MOBOTIX AG

Company Information

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1.1 M26B Complete Cam 6MP, B016 (Day)



Product Designation:
M26B Allround

Mx Ordercode:
Mx-M26B-6D016

EAN Code:
4047438031059

Hardware Version:
6V4

Model Variants:
Sec

Standard Accessory:
Screws, dowel, Allen wrench, VarioFlex wall and ceiling mount, rubber seiling, 0,5 m Ethernet cable, Quick Install

Intro Product:
Hemispheric IP camera with 6 Megapixel Moonlight Sensor, color (day) •• ONVIF-compliant Mx6 system platform (2nd generation) with H.264, MxPEG+ and M-JPEG •• HD premium fisheye lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°) •• Max. image size: 6MP (3072 x 2048) •• IP66/IK10, -40 to 50°C (-40 to 122°F) •• Internal DVR: 4 GB microSD •• HD Audio with integrated microphone and speaker •• Temperature sensor, MxActivitySensor, MxAnalytics, shock detector •• Ethernet patch cable 0.5 m/1.6 ft •• Interfaces: Ethernet 10/100 (RJ45), MxBus, USB; I/O and RS232 via MX-232-IO-Box (MX-OPT-RS1-EXT)

Intro Web:
M26B Outdoor Allround camera day with lens B016 (180° x 180°)

Camera Type:
Box Camera

Dual Camera:
No

Manual Lens Alignment:
No

Microphone:
Yes

Speaker:
Yes

Application Area:
Indoor
Outdoor

MxBus:
Yes

Housing Shape:
Fixed Network

Housing Color:
white

Housing Material:

PBT-30GF**Tamper Detection:**

Yes

Camera and data security:

- User/Group management
- SSL
- IP address filter
- IEEE802.1x. Intrusion Detection
- digital image signature
- MxFFS

Camera Software (From Version):

5.1.0.x

Software Features:

- Multistreaming
- Multicast
- vPTZ
- Programmable exposure windows
- Single-frame capture
- Full featured recording (MxFFS Archive, continuous recording, full image recording with audio)
- Time and event controlled recording
- Weekly scheduled arming considering holy days
- Web functionality
- Logo generator
- Linked event logic
- Master/slave arming
- Several time-controlled privacy zones
- Custom voice messages
- VoIP phone
- Remote control
- Program interface/HTTP-API
- Secure FTP

Instructions:

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Interfaces:

- Ethernet 100BaseT (MxRJ45)
- MiniUSB (MxMiniUSB)
- MxBus

Signal Input:

via Accessory (MX-232-IO-Box)

Signal Output:

via Accessory (MX-232-IO-Box)

RJ45 Ethernet Connectors:

1

Weight Packaging (g):

2,000

Height Packaging (mm):

180

Width Packaging (mm):

196

Length Packaging (mm):
296

Volume Packaging (l):
10,4429

Material Packaging:
cardboard box, styrofoam

Height Product:
189

Width Product (mm):
140

Depth Product (mm):
220

Diameter Product (mm):
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Weight Product (g):
350

Status LED:
2 (Multi-Color)

Controls:
1 Button

Power Consumption (W):
Typ. 5 W
Power consumption increases due to connected consumers:
- MxBUS max. 3 W
- USB max. 2.5 W
- total max. 4 W

Power Supply:
PoE IEEE 802.3af

Intended Use:
Wall/ceiling mounting, No EX area

Ambient Temperature (°C):
-40...+50 °C (-40 ... 122 °F; Operational temperature)
Cold start at -30 °C (-22 °F)

IP Class:
IP66

IK Class:
IK10

Certificates:
- EN55032:2012
- EN55022:2010;
- EN55024:2010;
- EN50121-4:2015

- EN61000-6-1:2007;
- EN 61000-6-2:2005
- EN61000-6-3:2007+A1:2011
- EN61000-6-4:2007+A1:2011
- AS/ NZS CISPR22:2009+A1:2010
- CFR47 FCC part15B

MTBF (h):

80,000

PIR:

No

Audio:

Microphone/ Loudspeaker, both 16bit/16kHz (HD-Wideband-Audio)

DVR:

- Camera-internal via microSD card
- External on USB device
- External on NAS
- Full image recording regardless of live image zoom
- MxFFS
- Pre-alarm and post-alarm images
- DVR monitoring with error notification

Video Phone:

Yes

Intelligent Video Analysis:

- MxActivitySensor, video motion analysis, MxAnalytics
- Alarming via email, FTP, VoIP, speaker

Protocols:

IPv4, IPv6, HTTP, HTTPS, FTP, FTPS, RTP, RTSP, UDP, SNMP, SMTP, DHCP (Client or Server), NTP (Client and Server), SIP (Client and Server) G.711 (PCMA and PCMU) and G.722

Ethernet:

Ethernet 10/100, IPv4/IPv6, MiniUSB;
IO and RS232 via Interface Boxes (accessories)

Environmental Sensors:

- temperature sensor
- noise sensor
- shock sensor (with later SW update)
- other sensors/IO via MxMessageSystem

Overvoltage Protection:

via MX-Overvoltage-Protection-Box

Mounting Options:

Wall

Ceiling

Pole

CPU:

i.MX 6 Dual Core incl. GPU

RAM:

1GB

Flash:
512MB

FPGA:
Artix7

Image Angle horizontal:
180°

Image Angle vertical:
180°

Focal Length:
1.6 mm

Aperture:
f/1.8

Max. Frame Rate:
- MxPEG*: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 14@5Mp, 12@6MP
- MJPEG*: 25@HD(1280x720), 13@Full-HD, 9@QXGA, 5@5Mp, 4@6MP
- H.264: 25@Full-HD, 20@QXGA

* Only Single Core used
Max: 42

Max. Image Size:
6MP (3072x2048)

Lens(es):
B016 to B500

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 pan/tilt/zoom; max. zoom 8x (continuous)

Camera Optics:
Night
Day

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:
- MxPEG, M-JPEG, JPEG (max. output format 6MP)
- H.264 (max. output format QXGA; bandwidth limitation possible)

Image Processing:
MxLEO, backlight compensation, automatic white balance, image distortion correction

ONVIF compatibility:
compatible

Image Sensor:
1/1,8" CMOS sensor, 6MP (3072x2048), progressive scan

Quantity: Stk UP: TP: