

# 1 **MOBOTIX AG**

## **Company Information**

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## 1.1 **p26B Complete Cam 6MP, B016, Day**



Product Designation:  
p26B Indoor

Mx Ordercode:  
Mx-p26B-6D016

EAN Code:  
4047438031233

Hardware Version:  
6V4

Model Variants:  
Standard, Audio

Standard Accessory:  
Allen wrench, Lens wrench (depending on model), 0,5m Ethernet cable, Quick Installer

Intro Product:  
Hemispheric IP indoor camera for ceiling mounting •• Manually adjustable lens tilt angle -5° to -45° •• ONVIF-compliant Mx6 system platform (2nd generation) with H.264, MxPEG+ and M-JPEG •• 6 Megapixel Moonlight Sensor, color (day) •• HD premium fisheye lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°) •• Max. image size: 6MP (3072 x 2048) •• IP20, 0 to 40°C (32 to 104°F) •• Internal DVR: 4-GB MicroSD •• Temperature sensor, illumination sensor, movement sensor, MxActivitySensor, MxAnalytics, shock detector •• Ethernet patch cable 0.5 m/1.6 ft •• Interfaces: Ethernet 10/100 (RJ45), MxBus (via Mx-A-IO-IC), USB, slot for MxIOBoard-IC (Mx-A-IO-IC) •• Color: white

Intro Web:  
p26B Indoor ceiling camera day with lens B016 (180° x 180°) white

Dual Camera:  
No

Manual Lens Alignment:  
Yes

Microphone:  
No

Speaker:  
No

Application Area:  
Indoor

MxBus:  
Yes, via accessory

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

Interfaces:

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

Signal Input:

via MX-Bus-IO-Modul

Signal Output:

via MX-Bus-IO-Modul

Weight Packaging (g):

480

Height Packaging (mm):

130

Width Packaging (mm):

130

Length Packaging (mm):

160

Volume Packaging (l):

2.7

Material Packaging:

cardboard box, styrofoam

Height Product:

89

Width Product (mm):

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Depth Product (mm):

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Diameter Product (mm):

120

Weight Product (g):

270

Status LED:

2 (Mehrfachfarben)

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:

Ceiling mounting, Indoor, no Ex Area

Ambient Temperature (°C):

0 ... 40 °C (32 ... 104 °F)

IP Class:

IP20

IK Class:

IK06

Certificates:

- EN55022:2010;

- EN55024:2010;

- EN50121-4:2006

- 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:

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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:

SIP client; intercom is possible via speaker of MX-ExtIO

Intelligent Video Analysis:

- MxActivitySensor, video motion analysis, MxAnalytics
- Alarming via email, FTP, VoIP, speaker (only AU models)

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:

MxRJ45

Environmental Sensors:

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

Overvoltage Protection:

via MX-Overvoltage-Protection-Box

Mounting Options:

Ceiling

CPU:

i.MX 6 Dual Core inkl. 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, 15@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):

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: .....