



## April 2017 – Mx6: Single Lens Outdoor Cameras

### ■ New Additional Mx6 Single Lens Outdoor Camera Linie

Intelligent, powerful, flexible – now with H.264 codec and ONVIF capability

### ■ Product Overview x26 Outdoor Cameras

D26 Dome, M26 Allround, Q26 Hemispheric and S26 Flex



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### 1. New Mx6 Single Lens Outdoor Cameras



#### Mx6 – Intelligent. Powerful. Flexible.

We are continuing to add products to our new, supplementary line of Mx6 cameras. Following the highly successful launch of the M16, S16 and V16 outdoor dual-lens cameras, MOBOTIX now presents the weatherproof Mx6 cameras with an image sensor and lens: **D26 Dome**, **M26 Allround**, **Q26 Hemispheric** and **S26 Flex**. On the outside, they look the same as the **x25 cameras**, which are still available; in these new cameras, the innovations are mainly on the inside. The new Mx6 dual-core microprocessor technology is particularly well suited to MOBOTIX's decentralized system architecture. The increase in performance benefits all image analysis functions that require a large amount of processing power, such as MxAnalytics, and it enables higher frame rates via MxManagementCenter or a browser. The launch of the D16 DualDome and the Mx6 indoor camera line is scheduled to take place soon and will be announced separately. There are no plans to develop an Mx6 version of the current T25 Door Station camera.

#### Tap into New Markets with the H.264 and ONVIF Industry Standards

The increase in system performance also enables new functions. For example, the Mx6 camera platform can also generate an **H.264** stream in addition to MxPEG and MJPEG video codecs. This means that even if the MxPEG codec developed by MOBOTIX for compressing and storing image and video data remains the security codec of choice thanks to its superior individual image quality, the optional H.264 standard offers the advantage of easy integration of MOBOTIX cameras into third-party video management software, as well as the opportunity to participate in tenders for which H.264 is planned.

Cameras for the new Mx6 platform are completely ONVIF-capable and already fulfill many basic functions of the global open interface standard. A firmware update scheduled for release soon will aim for **complete ONVIF compatibility** ([www.onvif.org](http://www.onvif.org)). This makes MOBOTIX partners and customers significantly more flexible and efficient when planning security solutions consisting of custom component combinations (camera, recording devices, accessories, VM software).



The current MOBOTIX Single Lens Outdoor camera lines in comparison:		
Camera	D26, M26, Q26, S26 Mx6 platform with Mx6 hardware ("P6")	D25, M25, Q25, S15M with PXA320 XScale hardware ("P3")
Microprocessor	Dual Core	Single Core
Image sensor	1/1.8" CMOS, 6MP (3072 x 2048), progressive scan, color or black and white	
Maximum image size	6MP (2x 6MP, 3072 x 2048 pixels)	
Max. frame rates MxPEG	42@HD, 34@FullHD (1920 x 1080), 12@6MP	30@HD, 20@FullHD (1920 x 1080), 8@6MP
H.264 Hardware Codec	Yes, bandwidth limitation possible; output format max. QXGA	–
ONVIF support	Yes, full Profile S with future software update available	–
Multicast stream via RTSP*	Possible with H.264, MxPEG and M-JPEG	–
Multistreaming	Yes	Yes
Power supply	PoE, power consumption typically < 4 watts	PoE, power consumption typically < 4 watts
MiniUSB interface	Yes	Yes
MxBus interface	In later hardware version	Yes
Send/receive MxMessages	Yes	Yes
MxAnalytics	Yes (but behavioural analytics only available with ceiling mounted Q26 and S26)	Yes (but behavioural analytics only available with ceiling mounted Q25 and S15M)
Controls	One button (DHCP client factory-installed on camera)	Two buttons
Camera firmware	As of Release MX-V5.0.0.x	MX-V4.4.2.5x
Your choice of camera line...	<ul style="list-style-type: none"> <li>- for easy integration in third-party systems</li> <li>- for multiple formats and streams simultaneously</li> <li>- maximum HiRes frame rates as needed</li> </ul>	<ul style="list-style-type: none"> <li>- for a 100-percent MOBOTIX solution with MxPEG as a superior security video codec</li> <li>- for system expansion with MxBus modules</li> </ul>

\* Multicast enables simultaneous camera access for any number of users without reducing the frame rate

### Please note:

The new x26 outdoor cameras use the same HD premium lenses and accessories as the x25 models. The MxBus interface will be available in a later hardware version. However, all Mx6 cameras support the MxMessageSystem and therefore, the messages can be sent to/received from other MOBOTIX cameras and their MxBus modules (such as x15/x25 and x14/x24). **The S15M FlexMount has become the S26 Flex:** According to the other x26 single lens cameras and to the S16 DualFlex, the new Mx6 version of the S15M is named S26 Flex.

The appendix of this product announcement (from page 6) includes an overview of all new available Mx6 single lens outdoor camera models, including order numbers and prices (MSRP).



## 2. Schedule

New Hardware – Now Available For Order (Applies To MOBOTIX Partners And End Customers):

D26 Dome	Shipping as of Friday, 12 May 2017
M26 Allround	Shipping as of Friday, 12 May 2017
Q26 Hemispheric	Shipping as of Friday, 12 May 2017
S26 Flex	Shipping as of Friday, 12 May 2017

All New Products On The MOBOTIX Website (Starting April 2017):

<a href="http://www.mobotix.com">www.mobotix.com</a> > Products	(for hardware)
<a href="http://www.mobotix.com">www.mobotix.com</a> > Support > Software Downloads	(for software)
<a href="http://www.mobotix.com">www.mobotix.com</a> > Support > Manuals	(Manuals/Quick Installs)
<a href="http://www.mobotix.com">www.mobotix.com</a> > Partners > Partner Section* > Price List	(Updated price list for download)

\*only available in the partner section, registration/login required

### Product Training Seminars:

The current dates can be found on the MOBOTIX website under Partners > Seminars.

Webinar To This Product Announcement (Duration Approx. 30 Minutes, Language: English):

Wednesday, 19 April 2017 – 09:00	9 am, Central European Time (German Time)
Wednesday, 19 April 2017 – 16:30	4:30 pm, Central European Time (German Time)

Please register ...

... for the 09:00 session using this link: <https://attendee.gotowebinar.com/register/584854804890104323>

... for the 16:30 session using this link: <https://attendee.gotowebinar.com/register/9146801328405073923>

### APPENDIX: Product Overview x26 Outdoor Cameras

#### Camera Modules (Bodies) and Complete Cameras are the Same as for the x25 Series

The D26 and M26 models are available as camera bodies, and customers can customize these by installing separately available MOBOTIX premium lenses. The Q26, S26 and the M26 variants that are equipped with the hemispheric 180° B016 lens are only available as complete cameras.

#### Fast Overview x26 Outdoor



Mx6 Outdoor Cameras x26	D26	M26	Q26	S26
Mx6 System Platform with Dual Core Microprocessor	Yes	Yes	Yes	Yes
IP and IK Class	IP66 and IK10	IP66 and IK10	IP66 and IK06	IP66 and IK07
Ambient Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 60°C (-22 to 140°F)
Microphone/Speaker	No/No	Yes/Yes	Yes/Yes	No/No
Internal Storage/DVR	4 GB microSD	4 GB microSD	4 GB microSD	4 GB microSD
Interfaces	1x Ethernet 100BaseT (MxRJ45), MiniUSB	1x Ethernet 100BaseT (MxRJ45), MiniUSB	1x Ethernet 100BaseT (MxRJ45), MiniUSB	1x Ethernet 100BaseT (MxRJ45), 1x Ethernet 10/100 (LSA), MiniUSB, Microphone, Speaker
Moonlight Image Sensor 1/1.8" CMOS, 6MP (3072 x 2048)	Color (Day) or Black & White (Night)	Color (Day) or Black & White (Night)	Color (Day) or Black & White (Night)	Color (Day) or Black & White (Night)
Camera Module (Body) Lens to be ordered separately	Mx-D26A-6D Mx-D26A-6N	Mx-M26A-6D Mx-M26A-6N		
Fisheye Lens MX-B016 (f/2.0, 180° x 180°)		Mx-M26A-6D016 (no fisheye night version in the Americas)	Mx-Q26A-6D016 Mx-Q26A-6N016	Mx-S26A-6D016 Mx-S26A-6N016
Ultra Wide Lens MX-B036 (f/1.8, 103° x 77°)	Self-assembly only	Self-assembly only		
Super Wide Lens MX-B041 (f/1.8, 90° x 67°)	Self-assembly only	Self-assembly only		
Wide Lens MX-B061 (f/1.8, 60° x 45°)	Self-assembly only	Self-assembly only		
Standard Lens MX-B079 (f/1.8, 45° x 34°)	Self-assembly only	Self-assembly only		
Tele Lens MX-B119 (f/1.8, 31° x 23°)	Self-assembly only	Self-assembly only		
Distant Tele Lens MX-B237 (f/1.8, 15° x 11°)	Self-assembly only	Self-assembly only		
Super Tele Lens MX-B500 (f/2.5, 8° x 6°)		Self-assembly only		



### D26 Dome

Bringing unprecedented technology and video performance to a traditional dome camera form factor. The MOBOTIX D26 offers the same advanced engineering and innovative technology of all the Mx6 MOBOTIX cameras.



#### D26 Dome: Ordering Information

Order Number	EAN	Description	MSRP	Available
Mx-D26A-6D	4047438028233	IP camera module (body) with 6 Megapixel Moonlight Sensor, B/W (night) • Lens to be ordered individually (MX-B036 to MX-B237)	858 \$	12 May 2017
Mx-D26A-6N	4047438028240	IP camera module (body) with 6 Megapixel Moonlight Sensor, B/W (night) • Lens to be ordered individually (MX-B036 to MX-B237)	858 \$	12 May 2017

### M26 Allround

Designed and engineered to withstand the most demanding of conditions, featuring high tolerance and an IP66 rating. The M26 features the latest Mx6 platform technology and is highly adaptive as to where it can be deployed, thanks to the wide choice of available lenses.



#### M26 Allround: Ordering Information

Order Number	EAN	Description	MSRP	Available
Mx-M26A-6D	4047438027977	IP camera module (body) with 6 Megapixel Moonlight Sensor, color (day) • Lens to be ordered individually (B036 to B500)	858 \$	12 May 2017
Mx-M26A-6N	4047438027984	IP camera module (body) with 6 Megapixel Moonlight Sensor, B/W (night) • Lens to be ordered individually (B036 to B500)	858 \$	12 May 2017
Mx-M26A-6D016	4047438027991	Hemispheric IP camera with 6 Megapixel Moonlight Sensor, color (day) • Fisheye Lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°)	936 \$	12 May 2017

### Q26 Hemispheric

Setting a new benchmark in design, this all-in-one Hemispheric camera offers a superwide 360° allround view, in high resolution. Easily replacing four standard cameras, just one Q26 captures an entire room. The Q26 is highly discreet and fits in everywhere – both indoors and outdoors.



#### Q26 Hemispheric: Ordering Information

Order Number	EAN	Description	MSRP	Available
Mx-Q26A-6D016	4047438028219	Hemispheric IP camera with 6 Megapixel Moonlight Sensor, color (day) • Fisheye Lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°)	936 \$	12 May 2017
Mx-Q26A-6N016	4047438028226	Hemispheric IP camera with 6 Megapixel Moonlight Sensor, B/W (night) • Fisheye Lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°)	936 \$	12 May 2017



### S26 Flex

Never before has so much power and functionality been incorporated into such a tiny form factor. The camera features 6MP Hemispheric video technology for discreet integration into housings and devices, behind walls or ceiling panels.






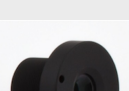
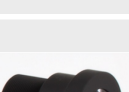
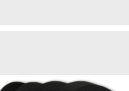
#### S26 Flex: Ordering Information

Order Number	EAN	Description	MSRP	Available
Mx-S26A-6D016	4047438028370	Hemispheric IP camera with 6 Megapixel Moonlight Sensor, color (day) • Fisheye Lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°)	976 \$	12 May 2017
Mx-S26A-6N016	4047438028387	Hemispheric IP camera with 6 Megapixel Moonlight Sensor, B/W (night) • Fisheye Lens B016 (focal length 1.6 mm, f/2.0, 180° x 180°)	976 \$	12 May 2017





### Overview: MOBOTIX HD Premium Lenses For The D26 And M26 Camera Modules (Bodies)

Interchangeable MOBOTIX HD Premium Lenses: Ordering Information				
Image	Order Number	EAN	Description	MSRP
	MX-B036	4047438026536	Ultra Wide lens B036 • HD premium quality • Focal length: 3.6 mm • Aperture: f/1.8 • Image angle (horizontal x vertical, on camera with 6MP sensor): 103° x 77° (up to 5MP resolution) and 122° x 80° (6MP resolution)	78 \$
	MX-B041	4047438026543	Super Wide lens B041 • HD premium quality • Focal length: 4.1 mm • Aperture: f/1.8 • Image angle (horizontal x vertical, on camera with 6MP sensor): 90° x 67° (up to 5MP resolution) and 110° x 70° (6MP resolution)	78 \$
	MX-B061	4047438026550	Wide lens B061 • HD premium quality • Focal length: 6.1 mm • Aperture: f/1.8 • Image angle (horizontal x vertical, on camera with 6MP sensor): 60° x 45° (up to 5MP resolution) and 70.5° x 46° (6MP resolution)	78 \$
	MX-B079	4047438026567	Standard lens B079 • HD premium quality • Focal length: 7.9 mm • Aperture: f/1.8 • Image angle (horizontal x vertical, on camera with 6MP sensor): 45° x 34° (up to 5MP resolution) and 54° x 36° (6MP resolution)	78 \$
	MX-B119	4047438026574	Tele lens B119 • HD premium quality • Focal length: 11.9 mm • Aperture: f/1.8 • Image angle (horizontal x vertical, on camera with 6MP sensor): 31° x 23° (up to 5MP resolution) and 36° x 24.5° (6MP resolution)	78 \$
	MX-B237	4047438026581	Distant Tele lens B237 • HD premium quality • Focal length: 23.7 mm • Aperture: f/1.8 • Image angle (horizontal x vertical, on camera with 6MP sensor): 15° x 11° (up to 5MP resolution) and 17° x 11.5° (6MP resolution)	78 \$
	MX-B500	4047438026598	Super Tele lens B500 • HD premium quality • Focal length: 50 mm • Aperture: f/2.5 • Image angle (horizontal x vertical): 8° x 6° (up to 5MP resolution) and 9° x 6° (6MP resolution) • For mounting this lens on the M26/M25, the extended replacement lens cover is needed (MOBOTIX accessory: MX-M24M-OPT-LCGL)	78 \$

**Please note:** The hemispheric Fisheye lens B016 (image angle: 180° x 180°) is not available as single unit. In the event of damage, the camera must be replaced at the MOBOTIX factory (for an affordable flat-rate fee) as per the guarantee, because the focal point of the new lens has to be determined individually and the camera has to be fine-tuned.