

MOBOTIX Product Announcement

D14



MOBOTIX Product Announcement D14

1. Product Description	3
2. D14 Product Line	4
2.1. Product Image	4
2.2. Differences of D14 versus D12	6
2.3. Maximum Frame Rates	7
2.4. D12 EOL and D14 Transition	7
2.5. MSRP and Part Number Overview of Sets	8
3. Ordering Information	9
3.1. Delivery Schedule	9
3.2. Order and EAN-Codes	9
4. Things to be Aware Of	10
4.1. Outdoor Installation	10
4.2. Usage of original MOBOTIX cables	10

MOBOTIX Product Announcement D14

1. Product Description

The D14 product line is the first dual camera dome series, based on the new processor platform that will completely replace the D12 product line. Objective is to have improved performance, features and functionality.

Key Features of the MOBOTIX D14 Dual Dome product line:

- ➔ **new processor platform**
- ➔ **higher maximum frame rates in all resolutions**
- ➔ **4GByte micro SD card is part of standard delivery of SEC and IT models**
- ➔ **support of micro SD cards up to 64 Gigabytes!**
- ➔ **adjustable PoE classes, 1 to 3**
- ➔ **improved audio**
- ➔ **improved sensor cabling**
- ➔ **MxBus, Mini USB**

The D14 is quite flexible in terms of sensor and lenses. It consists of the D14 body and the D14 sensor module, which can be ordered separately. Like with the D12, D14 sensor type and configuration can be changed afterwards.

2. D14 Product Line

2.1. Product Image

The D14 product line will be nearly identical to the D12 product line, consisting of SEC, IT and 180 degree version. For all differences between D12 and D14 please refer to chapter 2.2.



D14 Inside View:



The D14 will have different interfaces compared to D12, which are based on the P3 platform: ethernet port, Mini USB and MxBus.

D14 Interfaces:



2.2. Differences of D14 versus D12

As the D14 product line will be nearly identical to the D12 product line, the major differences are seen only from the inside. D14 is based on the P3 platform plus video acceleration chipset. Therefore the major difference is processing power resulting in higher maximum frame rates in all resolutions. Other important differences are the interfaces. The D14 does not have the HD-15 plug anymore, which means no direct connection to RS232, IOs and backup power pin. This should be considered in system designs. Most interfaces can be replaced with USB, MxBus or will be realized with individual add-on modules (MiniIO, Sound Box, etc.) in the future. Also as ISDN will be switched off in most countries between 2012 and 2015, this will not be supported anymore. For details see below:

	D12	D14	Remark
Hardware			
D12Di-IT	X	X	
D12Di-SEC	X	X	
D12Di-SEC-180	X	X	
D12Di-SEC-Night-180	X	X	
Lens L22	X	X	compatible
Lens L35	X	X	compatible
Lens L43	X	X	compatible
Lens L65	X	X	compatible
Lens L135	X	X	compatible
Sensor Module	X	X	not compatible
Sensor Cable	ribbon cable	round cable	not compatible
SD Card	16GB (R16 model)	-	
micro SD Card	-	4GB	up to 64GB
Accessories			
Wall, Corner Pole Mounts	wall, corner, pole	wall, corner, pole	compatible
Vandal Kits	polished, matt, grey, white, black	polished, matt, grey, white, black	not compatible
Connectors			
ETH	X	X	
ISDN	X		
HD 15 (USB, IO, RS232, etc.)	X		
Interfaces			
Mini USB		X	
MxBus		X	
IOs	X	via MiniIO	
RS232	X	via MiniIO	
Line In/Out	X	via Sound Box	
Resolution			
Day Sensor	3.1 Megapixel	3.1 Megapixel	
Night Sensor	1.3 Megapixel	1.3 Megapixel	
Power Supply			
PoE	Class0	Class1-3	IEEE 802.3af

2.3. Maximum Frame Rates

Here you can see the new maximum frame rates of D14:

Codec Resolution	D14
	Max. Framerates
MxPEG VGA	30
MxPEG Mega	30
MxPEG 3Mega	20
MxPEG Dual VGA	25
MJPEG VGA	25
MJPEG Mega	12
MJPEG 3Mega	4
MJPEG Dual VGA	14

2.4. D12 EOL and D14 Transition

You need to be aware that the D12 will be EOL with the launch of the new D14. If you have any projects with D12 specified, which can not be switched to D14, please inform your MOBOTIX sales contact (ISM or BDM) immediately.

EOL and Transfer Scenario for EMEA looks like the following:

1. Orders of D12 are accepted until **31st of May**.
2. Last shipments of D12 will be executed until **10th of June**.
3. New orders of D14 will be accepted from **1st of June** onwards.
4. First shipments of D14 are scheduled for **14th of June**.

In the case of D12s out of stock, D12 orders will be changed into D14 orders.

4. Things to be Aware Of

4.1. Outdoor Installation

In order to ensure that condensation water does not accumulate in D14 cameras mounted **in outdoor environments or in areas with high changes in temperature, the cameras must be installed with the PIR sensor pointing downwards**. This will allow any humidity to escape through the condensation relief holes in the outer shell.

Failing to follow these instructions will void the warranty!



4.2. Usage of original MOBOTIX cables

In order to ensure the enduring water proofness of the cable cover, you must not use any other cables for the Ethernet and USB connection but MOBOTIX cables.

MOBOTIX also offer extended RJ-45 patch cables with 1, 2, 5 or 10 m length. For order codes and prices, please refer to our official price list under <http://www.mobotix.com/other/Support/MX-Media-Library/Price-Lists>.