



MAXIMUM

20MP

RESOLUTION

ABUNDANT

ALGORITHMS



CLOSE TO

100%

CODE READING ACCURACY

HIGH

ms

CODE READING SPEED

LOW

μm

FEATURE SIZE



SMART CODE READERS



SUITABLE FOR MULTIPLE

INDUSTRIES



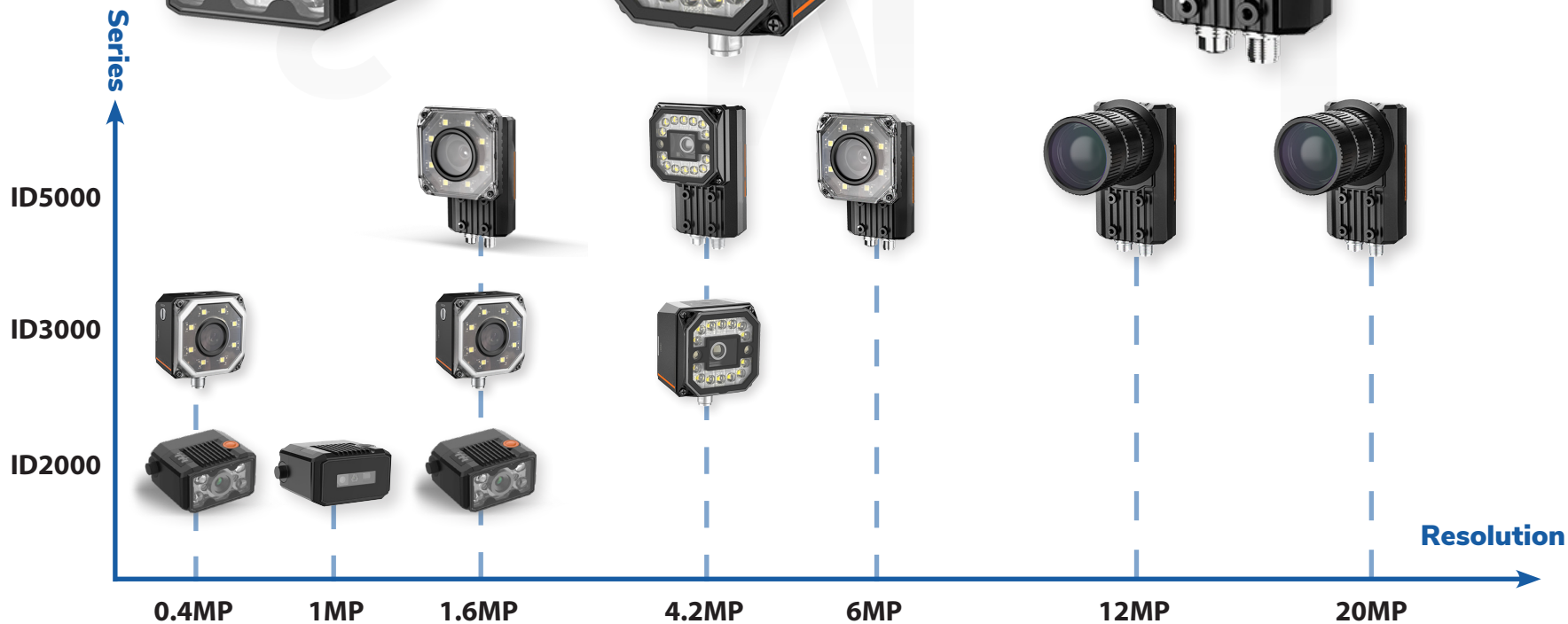
ID2000 Series



ID3000 Series



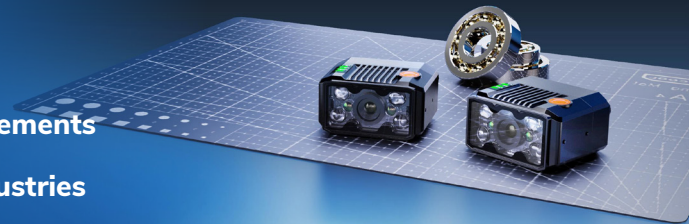
ID5000 Series



ID2000 Series Code Readers

 **Ultral-small size, easy to integrate**  **Multiple types for different requirements**

 **Suitable for different code reading applications , including 3C and FPD industries**



Model	Sensor size	Pixel size	Resolution	Max. frame rate	Max. reading speed	Software	Interface	Power consumption	Power supply	EFL	Working distance	Light source	Aiming system
ID2004M-06S-xBN	1/2.9"	6.9 μm	704 × 540	60 fps	41 codes/sec	IDMVS	Fast Ethernet	10.6 W@24 VDC	12 ~ 24 VDC	6.72 mm	40~120 mm manual focus	White/Red/Blue	Green LED
ID2004M-06S-xBN-U	1/2.9"	6.9 μm	704 × 540	60 fps	38 codes/sec	IDMVS	USB 3.0	4.6 W@5 VDC	5 V,USB3.0	6.72 mm	40~120 mm manual focus	White/Red/Blue	Green LED
ID2004M-16T	1/2.9"	6.9 μm	704 × 540	60 fps	45 codes/sec	IDMVS	Fast Ethernet	11 W@12 VDC	12~24 VDC	16 mm	100 ~ 400 mm Auto Focus	Red	Orange LED
ID2010M-05M-WLR	1/4"	3 μm	1280 × 800	20 fps	36 codes/sec	IDMVS	Fast Ethernet	6.24 W@24 VDC	12~24 VDC	4.7 mm	/	White	Cross laser
ID2013M-06S	1/2.7"	4 μm	1280 × 1024	30 fps	30 codes/sec	IDMVS	Fast Ethernet	4 W@24 VDC	24 VDC	6 mm	40~120 mm manual focus	White/Red/Blue	Green LED
ID2013EM-05M	1/4"	2.7 μm	1280 × 1024	30 fps	30 codes/sec	IDMVS	Fast Ethernet	3.5 W@24 VDC	24 VDC	5 mm	/	White/Red	Green LED
ID2016M-06S-xBN	1/2.9"	3.45 μm	1408 × 1024	60 fps	31 codes/sec	IDMVS	Fast Ethernet	10.6 W@24 VDC	12~24 VDC	6.72 mm	40~120 mm manual focus	White/Red/Blue	Green LED
ID2016M-06S-xBN-U	1/2.9"	3.45 μm	1408 × 1024	60 fps	29 codes/sec	IDMVS	USB 3.0	4.6 W@5 VDC	5 V,USB3.0	6.72 mm	40~120 mm manual focus	White/Red/Blue	Green LED
ID2016M-16T	1/2.9"	3.45 μm	1408 × 1024	60 fps	45 codes/sec	IDMVS	Fast Ethernet	11 W@12 VDC	12~24 VDC	16 mm	100 ~ 400 mm Auto Focus	Red	Orange LED
ID2016M-16S-RBN	1/2.9"	3.45 μm	1408 × 1024	60 fps	45 codes/sec	IDMVS	Fast Ethernet	24 W@12 VDC	12~24 VDC	16 mm	105 ~ 150 mm	Red	/
ID2016M-25S-RBN	1/2.9"	3.45 μm	1408 × 1024	60 fps	45 codes/sec	IDMVS	Fast Ethernet	24 W@12 VDC	12~24 VDC	25 mm	170 ~ 200 mm	Red	/
ID2016M-00C-NNN	1/2.9"	3.45 μm	1408 × 1024	60 fps	45 codes/sec	IDMVS	Fast Ethernet	6 W@12 VDC	12~24 VDC	/	/	/	/

ID2010M



1MP, 5mm EFL
White/Red light

ID2004M-S/T ID2016M-S/T



0.4/1.6MP, 6 mm EFL, External focus knob
T series support Auto-focus

ID2013EM



1.3MP, 5 mm EFL
White/Red light

ID2016M | long EFL type



1.6MP, 16/25mm, Red light
External focus knob

ID2016M | C-Mount type



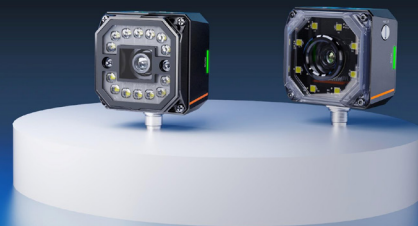
1.6MP, C-Mount for different lenses

ID3000 Series Code Readers

 Compact size and external focus knob, easy to install and adjust

 Replaceable light source and lens cap

 One cable solution for power, I/O, ethernet, serial port



Model	Sensor size	Pixel size	Resolution	Max. frame rate	Max. reading speed	Software	Interface	Power supply	Power consumption	EFL	Lens Mount	Focus	Lens Cap	Light source
ID3004PM	1/2.9"	6.9 μm	704 × 540	60 fps	87 codes/sec	IDMVS	Fast Ethernet	24 VDC	20 W@24 VDC	6/12/15 mm	M12-Mount	Manual/Mechanical	Transparent; polarization is optional	White/Red/Blue/IR
ID3013PM	1/2.7"	4 μm	1280 × 1024	50 fps	60 codes/sec	IDMVS	Fast Ethernet	24 VDC	5.5 W@24 VDC	6/12/15 mm	M12-Mount	Manual/Mechanical	Transparent; polarization is optional	White/Red/Blue/IR
ID3016PM	1/2.9"	3.45 μm	1408 × 1024	60 fps	84 codes/sec	IDMVS	Fast Ethernet	24 VDC	20 W@24 VDC	6/12/15 mm	M12-Mount	Manual/Mechanical	Transparent; polarization is optional	White/Red/Blue/IR
ID3050PM	1/1.7"	3.2 μm	2368 × 1760	30 fps	60 codes/sec	IDMVS	Fast Ethernet	24 VDC	47.5 W@24 VDC	8/12/16/25 mm	M12-Mount	Mechanical	Half polarization; Transparent and full polarization is optional	White/Red/Blue/IR



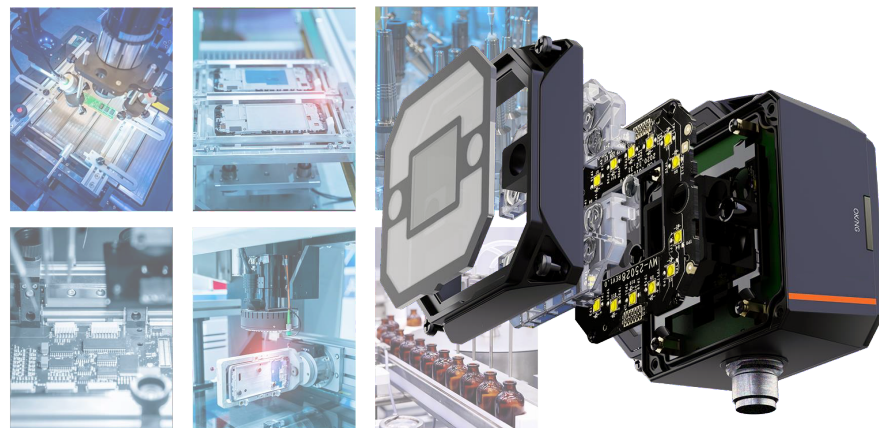
ID3004M/ID3016

0.4/1.6MP, with light source, M12 Mount, Manual/ Mechanical focus



ID3050PM

4.2MP, Polarization lens cap, Mechanical focus



ID5000 Series Code Readers

-  Large FOV with high resolution up to 20MP
-  High performance with max. code reading speed up to 90 codes/sec.
-  High flexibility, optional with C-Mount lens



Model	Sensor size	Pixel size	Resolution	Max. frame rate	Max. reading speed	Software	Interface	Power supply	Power consumption	EFL	Lens Mount	Light source	Lens Cap
ID5016M-xxS-WBN	1/2.9"	3.45 μm	1408 × 1024	60 fps	90 codes/sec	IDMVS	GigE	24 VDC	36 W@24 VDC	6/12/14.8/25 mm	M12-Mount	White/Red/Blue/IR	Transparent; polarization is optional
ID5016M-00C-WBN	1/2.9"	3.45 μm	1408 × 1024	60 fps	90 codes/sec	IDMVS	GigE	24 VDC	36 W@24 VDC	/	C-Mount	White/Red/Blue/IR	Transparent; polarization is optional
ID5016M-00C-NNN	1/2.9"	3.45 μm	1408 × 1024	60 fps	90codes/sec	IDMVS	GigE	24 VDC	36 W@24 VDC	/	C-Mount	Without light	Transparent
ID5050M-xxS-WBN	1/1.7"	3.2 μm	2368 × 1760	40 fps	90codes/sec	IDMVS	GigE	24 VDC	60 W@24 VDC	8/12/15/25 mm	M12-Mount	White/Red/Blue/IR	Half polarization; Transparent and full polarization is optional
ID5060M-xxS-WBN	1/1.8"	2.4 μm	3072 × 2048	30 fps	90 codes/sec	IDMVS	GigE	24 VDC	20 W@24 VDC	8/12/15/25 mm	M12-Mount	White/Red/Blue/IR	Transparent; polarization is optional
ID5060M-00C-WBN	1/1.8"	2.4 μm	3072 × 2048	30 fps	90 codes/sec	IDMVS	GigE	24 VDC	20 W@24 VDC	/	C-Mount	White/Red/Blue/IR	Transparent; polarization is optional
ID5060M-00C-NNN	1/1.8"	2.4 μm	3072 × 2048	30 fps	90 codes/sec	IDMVS	GigE	24 VDC	20 W@24 VDC	/	C-Mount	Without light	Transparent
ID5120M-00C-NNN	1"	3.2 μm	4096 × 3072	28 fps	84 codes/sec	IDMVS	GigE	12 ~24 VDC	12 W@24 VDC	/	C-Mount	Without light	with lens cap
ID5200M-00C-NNN	1"	2.4 μm	5440 × 3648	20 fps	36 codes/sec	IDMVS	GigE	12 ~24 VDC	12 W@24 VDC	/	C-Mount	Without light	Transparent; polarization is optional



ID5016M/ID5060

1.6/6.0MP, M12 /C-Mount,
with/without light source



ID5050

4.2MP, Polarization/Transparent lens cap,
Integrated lens cap



ID5120/ID5200

12/20MP, without light source, C-Mount

IDH Series Handheld Code Readers

It can perform bar code static scanning, information display, data transmission and other functions. Mainly used in manufacturing production line.



Model	Sensor size	Pixel size	Resolution	Max. frame rate	Min. accuracy	Software	Interface	Power supply	Power consumption	EFL	Aiming system
IDH5010-05-SR-L	1/4"	3 μm	1280 × 800	50 fps	4 mil	IDMVS	Fast Ethernet, RS-232	12 ~ 24 VDC	4.94 W@12 VDC	5 mm	Cross laser
IDH5010-05-SR-U	1/4"	3 μm	1280 × 800	50 fps	4 mil	IDMVS	USB3.0	5 VDC	4.36 W@5 VDC	5 mm	Cross laser
IDH5010-05-NR-L	1/4"	3 μm	1280 × 800	50 fps	3 mil	IDMVS	Fast Ethernet, RS-232	12 ~ 24 VDC	4.94 W@12 VDC	5 mm	Cross laser
IDH5010-05-NR-U	1/4"	3 μm	1280 × 800	50 fps	3 mil	IDMVS	USB3.0	5 VDC	4.36 W@5 VDC	5 mm	Cross laser
IDH7010-07-NR-L	1/4"	3 μm	1280 × 800	50 fps	3 mil	IDMVS	Fast Ethernet, RS-232	12 ~ 24 VDC	6 W@24 VDC	6.7 mm	Cross laser
IDH7010-07-NR-U	1/4"	3 μm	1280 × 800	50 fps	3 mil	IDMVS	USB2.0	12 ~ 24 VDC	6 W@24 VDC	6.7 mm	Cross laser



IDH5010



IDH7010



Smart factory



Manufacturing



Retail



Warehousing

