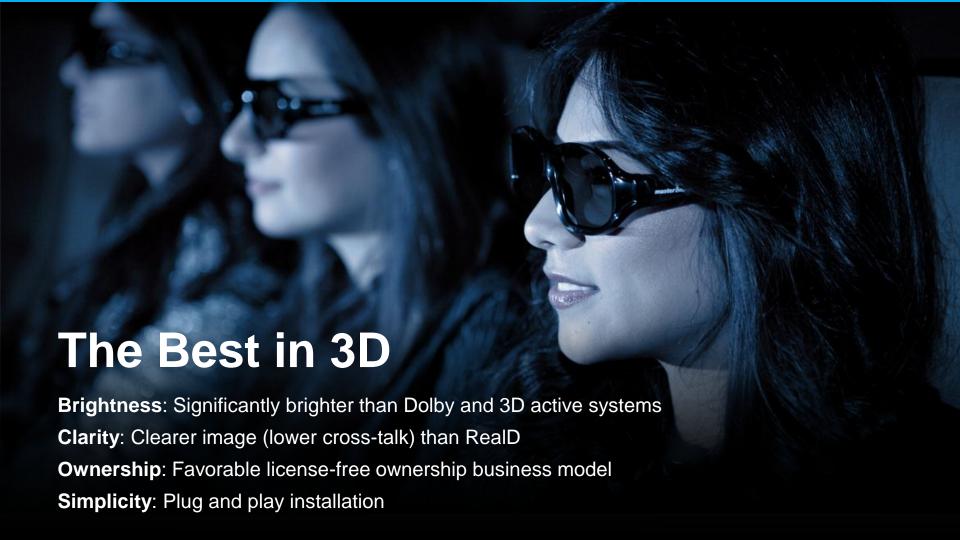


Masterlmage 3D ABSOLUTELY 3D



About Masterlmage 3D





Committed to 3D

- **2004** Company founded in Seoul, Korea
- 2006 First installation at CJ CGV Korea
- 2008 First digital 3D cinema installations in US market
- 2009 Moved company headquarters to US
 - \$15MM investment by Symphony 3D
 - 500 systems installed in US market

- 2010 First digital 3D cinema installations in European market
 - 1,000 systems installed in European market
- **2011** \$15MM investment by Samsung
 - 4,500 systems installed
 - 100M glasses sold
- **2012** Launch of MI-CLARITY3D

Satisfied Customers Include



- AFM Sinemalan
- BIG Cinema
- Bow-Tie Cinemas
- Celebration Cinema
- Cinemas Guzzo
- Cineplexx Germany
- Cinépolis
- CJ CGV
- Classic Cinemas
- Empire Cinemas
- Europalaces
- Golden Harvest
- Golden Village

- Goodrich Quality Theatres
- Harkins Theatres
- Kinepolis Cinema
- Krikorian Metroplex
- Landmark Theatres
- Les Cinemas Gaumont Pathé
- MARS
- Metropolitan Theatres
- Omniplex Cinemas
- SM Cinema
- Sterkinekor Theatres
- Toho Cinemas
- Tokyu Recreation

Making 3D Thrive Around The World



Office Locations

US (AMERICAS) HQ

Masterlmage 3D

UK (EMEA)

Masterlmage 3D

KOREA (ASIA)

Masterlmage 3D

JAPAN

Masterlmage 3D

TAIWAN

Masterlmage 3D

CHINA

Masterlmage 3D



Core Technology



Circular Polarized Filter Disc

- Proprietary assembly bonds the highest quality polarizers to a durable polarized filter disc
- Precise separation of left and right eye images delivers picture quality that is bright and clear – with maximum color clarity
- Worldwide Patent
- Optically the simplest and most precise 3D filtering system on the market
 - Using 99.98% polarization efficiency of polarizer
 - 2 layer (1 panel/1 polarizer) for maximum brightness (vs. 7 layers in the RealD Z-Screen)

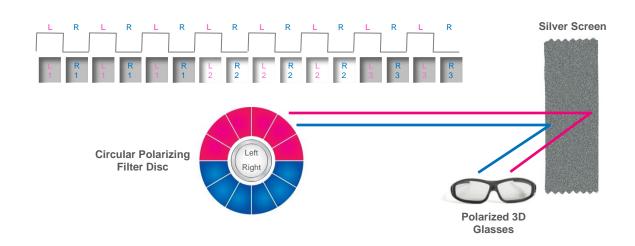


How It Works



- Media server sends 3D images to projector
- Projector beams Left and Right images sequentially
- · Polarized Filter Disc creates circular polarized Left and Right images in accordance with flash rate
- Silver Screen precisely reflects Left and Right images
- MI3D Glasses take the Left image to the Left lens and Right image to the Right lens







Masterlmage 3D System

Solutions for Every Theater









MI-CLARITY3D RH [RETRACTABLE HEAD]

MI-CLARITY3D MX
[MEZZANINE-FREE]







MI-WAVE3D [LCD]

MI-CLARITY3D Features



Image quality:

- Optically the simplest and most precise 3D filtering system on the market
- Avoids multiple layers of liquid crystal materials removing image manipulation and loss of quality
- High transmittance polarization film with anti-reflection (AR) coating to maximize transmittance
- High frame rate compatible

Automation:

- Remote access to all automation features through GPIO, RS232, 3D Port, TTL and Ethernet ports
- User-friendly software updates
- Control of system through standard industry servers; supports all cinema standards
- Full graphic display user-interface for system setup and status
- Variety of options for automated 2D/3D positioning and memory

Synchronization:

- Pulse frequency range: 48Hz 76 Hz
- Projector synchronization signal may be provided through a variety of sources: GPIO, RS232C, 3D Port, TTL, Ethernet

MI-CLARITY3D SA

- Superior image quality and color fidelity
- Optimized engineering with sleek styling
- Exceptional reliability and low maintenance
- 3D automation
- High frame rate compatible
- Approved and certified by Hollywood studios



MI-CLARITY3D RH

For theaters with small projection booths

- Wall-mount frame for 2D/3D filter movement in horizontal or vertical position
- Control console allows floor-standing, rack- or wall-mounting within 5m of filter assembly



MI-CLARITY3D MX

For theaters with no projection booth

- Compact HEPA-covered filter head mounts onto boothless projector stand
- Control console allows floor-standing and rackor wall-mounting within 5m of filter assembly.



MI-1000

For theaters with screens over 55' with dual projection

 Dual filter solution provides optimal 3D viewing with all of our 3D eyewear for oversized screen installations larger than 60 feet



MI-WAVE3D

For smaller theaters

- Passive polarization modulator
- Cost-effective solution for small-sized theaters
- 100% high frame rate ready
- Approved/certified by Hollywood studios
- Dust free & noiseless





Business Model

A Better Business Model

- Retain all your revenue from 3D ticket sales
- No ongoing royalties or license fees
- One-time purchase or financing options
- 2 year complete warranty
- Freedom to choose which theatre/auditorium you deploy the system



Benefit from the Success of Upcoming 3D Blockbusters



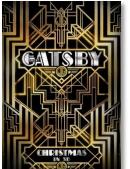


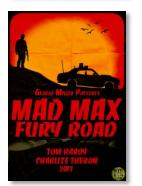






























Masterlmage 3D Cash-Flow Advantages

RealD

Save over **\$28,000** per screen during your first three years.

KEY REASON:

RealD 5% ticket margin

Dolby

Save over **\$22,000** per screen during your first three years.

KEY REASON:

High cost of Dolby eyewear

Active

Save over **\$20,000** per screen during your first three years.

KEY REASON:

High cost of Active eyewear

The Real Cost of RealD Per Screen





AVATAR

Total Gross: \$760,507,625

#Screens: 3,461

3D Gross: \$608,406,100

#3D Screens 2,032 3D Attendance: 27,520 RealD Fees: \$13,072



AVENGERS

Total Gross: \$615,280,156

#Screens: 4,349

3D Gross: \$319,945,681

#3D Screens 3,364 3D Attendance: 8,538 RealD Fees: \$4,055



TOY STORY 3

Total Gross: \$415,004,880

Screens: 4,028

3D Gross: \$244,852,879

#3D Screens 3,021 3D Attendance: 7,449 RealD Fees: \$3,539



TRANSFORMERS

Total Gross: \$352,390,543

#Screens: 4,088

3D Gross: \$211,434,326

#3D Screens 2,789 3D Attendance: 6,917 RealD Fees: \$3,286

Masterlmage 3D vs. RealD



		REALD						MASTERIMAGE 3D										
Year		2013	2	2014	2015		2016		2017	2018		2013	2014	2015	2016	2017		2018
Ticket Charge (License Fee)	\$	11,469	\$	13,152	13,9	52 \$	13,608	\$	15,292 \$	16,091	\$	- \$	- :	-	\$ -	\$	- \$	-
Blockbuster Adjustment	\$	-	\$	1,000 \$	3 1,0	00 \$	-	\$	1,000 \$	-	\$	- \$	- :	-	\$ -	\$	- \$	-
Total Annual Payments	\$	11,469	\$	14,152	14,9	52 \$	13,608	3 \$	16,292 \$	16,091	\$	4,000 \$	4,000	\$ 4,000	\$ 4,000	\$ 4,0	00 \$	-
Monthly Average	\$	956	\$	1,096	5 1,1	63 \$	1,134	\$	1,274 \$	1,341	\$	333 \$	333	333	\$ 333	\$ 3	33 \$	-
MasterImage 3D Cash Flow Savings											\$	7,469 \$	10,152	10,952	\$ 9,608	\$ 12,2	92 \$	16,091
Cumulative Cash Flow Savings											\$	7,469 \$	17,621	28,573	\$ 38,181	\$ 50,4	73 \$	66,565
Movie Theater Industry Valuation Multiple												5.5x	5.5x	5.5	5.5	< 5	.5x	5.5x
Movie Theater Increased Owners Value Per											\$	41,079 \$	55.838	60,235	\$ 52,846	\$ 67.6	05 \$	88,503
Screen											Ψ	41,075 ψ	33,030	00,233	Ψ 32,040	Ψ 01,0	υ υ ψ	00,303
Total Cash Savings plus Equity Value Increase											\$	48,548 \$	73,459	88,809	\$ 91,027	\$ 118,0	78 \$	155,067
MasterImage % of RealD Annual Cash Flow												34.88%	28.26%	26.75%	29.39%	24.5	5%	0.00%
MasterImage % of RealD in a Low Grossing Month	ı											61.69%	61.69%	61.69%	61.69%	61.6	9%	0.00%

Masterlmage 3D vs. Dolby



	DOLBY						MASTERIMAGE 3D													
Year	2013		2014	20	015	20)16	20)17	2018		2013	2014		2015	20	16	2017	20	18
Installment / Depreciation (average)	\$ 1,500	\$	1,500	\$	1,500	\$	1,500 \$	\$	1,500 \$	-	\$	4,000	\$ 4,0	000 \$	4,000	\$	4,000 \$	4,000	\$	-
Glasses (Profit)/Loss	\$ 8,451	\$	9,691	\$ 1	10,280	\$ 1	0,027	\$ 1	1,268 \$	11,85	7 \$	-	\$	- \$	-	\$	- 9	-	\$	-
Blockbuster Adjustment	\$ -	\$	737	\$	737	\$	- (\$	737 \$	-	\$	-	\$	- \$	-	\$	- 9	-	\$	-
Total Annual Payments	\$ 9,951	\$	11,928	\$ 1	12,517	\$ 1	11,527	\$ 1	13,504 \$	11,85	7 \$	4,000	\$ 4,0	000 \$	4,000	\$	4,000	4,000	\$	-
Monthly Average	\$ 829	\$	994	\$	1,043	\$	961	\$	1,125 \$	98	8 \$	333	\$	333 \$	333	\$	333 \$	333	\$	-
MasterImage 3D Cash Flow Savings											\$	5,951	\$ 7,9	28 \$	8,517	\$	7,527 \$	9,504	\$ 1	1,857
Cumulative Cash Flow Savings											\$	5,951	\$ 13,8	79 \$	22,396	\$ 2	9,923	39,428	\$ 5	1,284
Movie Theater Industry Valuation Multiple												5.5x		5.5x	5.5x		5.5x	5.5>		5.5x
Movie Theater Increased Owners Value Per											\$	32,729	¢ 42.6	04 \$	46,845	¢ /	1,400 \$	52,275	¢ 61	5,213
Screen											φ	32,729	φ 45,0	104 φ	40,043	φ	1,400 (32,273	φ Ο	5,215
Total Cash Savings plus Equity Value Increase											\$	38,680	\$ 57,4	83 \$	69,240	\$ 7	1,323	91,702	\$ 116	6,497
MasterImage % of Dolby Annual Cash Flow												40.20%	33.5	3%	31.96%	3	34.70%	29.62%	(0.00%

Masterlmage 3D vs. Active



	ACTIVE								MAS	STERI	MAGE 3D				
Year	2013	2014		2015	2016	2	2017	2018	2013	2014	20	15	2016	2017	2018
Installment / Depreciation (average)	\$ 1,000	\$ 1,0	00 \$	1,000 \$	1,000	\$	1,000 \$	-	\$ 4,000 \$	4,000	\$ 4	4,000 \$	4,000 \$	4,000 \$	-
Glasses (Profit)/Loss	\$ 8,692	\$ 9,9	68 \$	10,574 \$	10,314	\$	11,590 \$	12,196	\$ - \$	-	\$	- \$	- \$	- 3	-
Blockbuster Adjustment	\$ -	\$ 7	58 \$	758 \$	-	\$	758 \$	-	\$ - \$	-	\$	- \$	- \$	- 5	-
Total Annual Payments	\$ 9,692	\$ 10,9	68 \$	11,574 \$	11,314	\$	12,590 \$	12,196	\$ 4,000 \$	4,000	\$	4,000 \$	4,000 \$	4,000	-
Monthly Average	\$ 808	\$ 9	14 \$	965 \$	943	\$	1,049 \$	1,016	\$ 333 \$	333	\$	333 \$	333 \$	333	-
MasterImage 3D Cash Flow Savings									\$ 5,692 \$	6,968	\$	7,574 \$	7,314 \$	8,590	12,196
Cumulative Cash Flow Savings									\$ 5,692 \$	12,660	\$ 20	0,234 \$	27,548 \$	36,138	48,333
Movie Theater Industry Valuation Multiple									5.5x	5.5x		5.5x	5.5x	5.5x	5.5x
Movie Theater Increased Owners Value Per Screen									\$ 31,307 \$	38,324	\$ 4°	1,657 \$	40,225 \$	47,243	67,076
Total Cash Savings plus Equity Value Increase									\$ 36,999 \$	50,985	\$ 6°	1,892 \$	67,773 \$	83,380 \$	115,409
MasterImage % of Active Annual Cash Flow									41.27%	36.47%	34	4.56%	35.36%	31.77%	0.00%

Masterlmage 3D: Your Tech Provider, Not Your Business Partner



Assun	npt	ion	s:

Movies per Screen per Year (box office window closing)		12		13		14		15		16		17
Major 3D Film	\$	1,683	\$	1,683	\$	1,683	\$	1,683	\$	1,683	\$	1,683
High Grossing 3D Showing	\$	800	\$	800	\$	800	\$	800	\$	800	\$	800
Low Grossing 3D Release	\$	540	\$	540	\$	540	\$	540	\$	540	\$	540
Major 3D Films per Year		3		4		4		3		4		4
High Grossing 3D Showings per Year		6		6		7		8		8		9
Low Grossing 3D Releases per Year		3		3		3		4		4		4
Total 3D Movies Per Screen per Year		12		13		14		15		16		17
Annual 3D Movie Attendance	2	4,145	2	7,689	2	9,372	2	8,649	3	2,193	3	3,877

Note 1: Avatar averaged almost \$5,000 in License payments per screen

Note 2 : Alternative Content (World Cup, 3D Concerts)

Assumption 1: 45% of Total Box Office is 3D per movie

Assumption 2: Average Screen Size is 200 seats

Assumption 3: Silver Screen and Washing Machine offset

Assumption 4: Dolby and Active Breakage

Asumption 5: Dolby and Active Cost Replacement

0 11400

Source: IMDB

5.00% \$ 7.00

2.00%

\$ 18.00



Just the Facts

MasterImage 3D The Most Complete 3D Solution



	MI-CLARITY3D	REALD Z-SCREEN	REALD XL	DOLBY	ACTIVE
3D SYSTEM HARDWARE DESCRIPTION	POLARIZED FILTER DISC	TIME-DIVISION MULTIPLEXING POLARIZER	DUAL OPPOSING TIME DIVISION MULTIPLEXING POLARIZER	180-DEGREE COLOR WHEEL	IR SYNC/EMITTER CONTROLLER
BRIGHTNESS/ EFFICIENCY	20%	15%	28%	11%	17%
SILVER SCREEN	YES	YES	YES	NO	NO
GHOST-BUSTING REQUIRED	NO	YES	YES	NO	NO
LICENSE-FREE OWNERSHIP	YES	NO	NO	YES	YES

RealD



Technology:

Circular polarization using liquid crystal switching panel

Disadvantages:

- High crosstalk due to low separation of left/right images
- Requires ghost-busting which results in inferior image clarity
- License fees increase costs significantly year-overyear
- Liquid crystal degradation
- XL system:
 - Dual lens alignment difficult to align—impacts image sharpness
 - High-cost; complicated installation





Dolby



Technology:

Tri-band color spectral

Disadvantages:

- Extremely low brightness due to spectral filtering
- Color processing required
 - Color differences between eyes cause discomfort
- Complicated installation and color calibration
- Expensive eyewear losses become more significant with theft/damage and cleaning expenses





Active-Type



Technology:

Active polarization

Disadvantages:

- Extremely expensive eyewear losses become more significant with theft/damage and cleaning expenses
- Unpredictable user experience due to difficulty of monitoring battery life
- Eyewear is heavy; uncomfortable for the customer
- Flickering image can cause discomfort for users







3D Eyewear

3D Eyewear Models



MI-G1000 (recyclable)

- Individually packaged for easy distribution
- Available in both adult and child sizes

MI-G1000R (reusable)

- Lowest cost-per-use of all our eyewear options
- Durable, polycarbonate frames
- Hard-coated, scratch-resistant lenses
- Wash and reuse up to 100 times

MI-G500 (clip-on)

- Precise lens quality as our standard eyewear
- Comfort and convenience of clip-on lenses
- Complete with reusable case

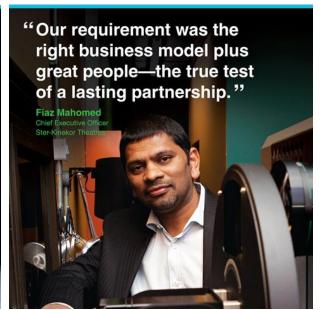


Customer Testimonials



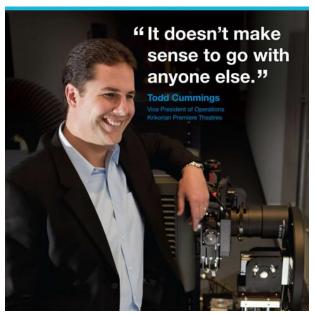






Customer Testimonials









Customer Testimonials







