

1 inch high resolution 20 million lenses

1 inch



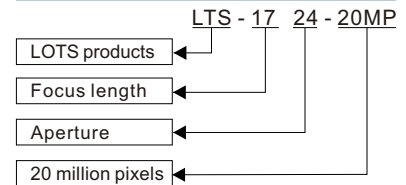
→ Characteristics

- ◆ C mount lenses with 1 inch sensor 20 million pixels
- ◆ 5-20 million high resolution support
- ◆ Low distortion < 0.5%
- ◆ Large amount light to get in
- ◆ New CMOS sensor Lenticule design
- ◆ Short working distance range design
- ◆ Compact structure
- ◆ High precision

→ Applications

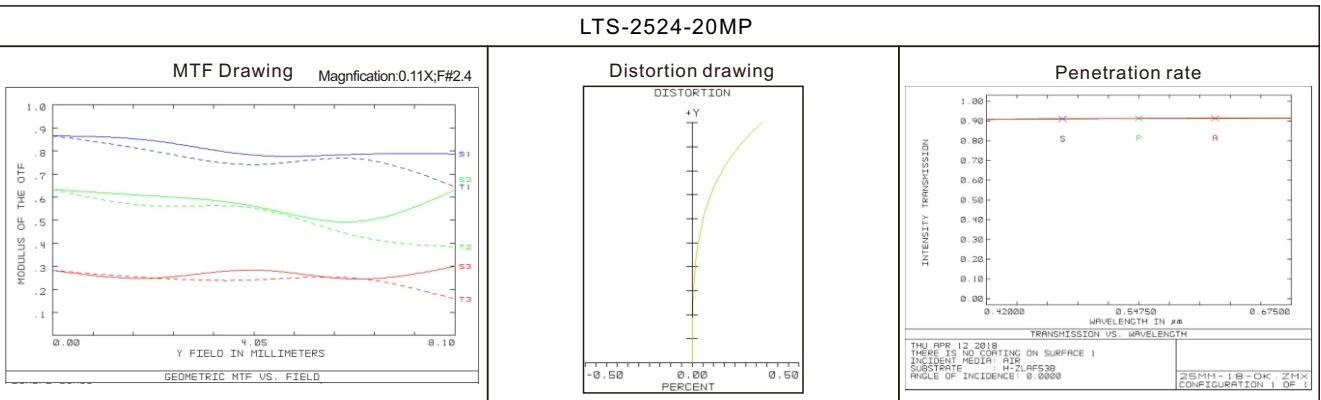
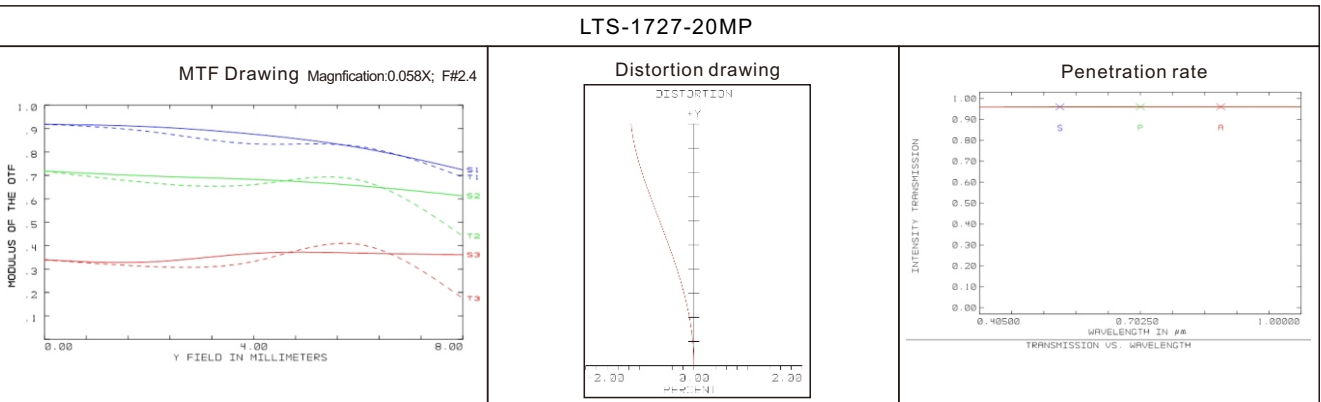
- ◆ Automatic optical inspection in electronic industry
- ◆ Semiconductor package
- ◆ Code reading and recognition
- ◆ Printing inspection
- ◆ Location system
- ◆ AOI inspection

→ Coding Rule



→ Parameter

Model	Focus length	Aperture range	Ring diameter of imaging (mm)	WD range	Resolution	Magnification	Filter size	Optical distortion	Lens size	Mount	Weight	Working temp.
LTS-1724-20MP	17	2.4-11	16.6	55mm-∞	3.45μm	0X~0.25X	M30.5×0.5	<0.5%	Φ34×61	C-mount	60g	-30°C~50°C
LTS-2524-20MP	25	2.4-11		104mm-∞			M30.5×0.5	<0.5%	Φ34×35.2		70g	



<http://www.lotsmv.com>

Line scan illumination	3LINH
	3LINL
	3LIN
	2LINS
Structured light	2COXL
	2LINM
	SDL
	STL
Ring illumination	RN
	RNH
	SRN
	HPR
Shadowless illumination	FPR
	DML
	LFR
	3DM
Bar illumination	2DM
	LFX
	FPQ
	RIH
Coaxial illumination	DL
	3BRH
	2BR
	2BRS
Multi-angle illumination	2BRM
	3COH
	3CON
	COXR
Back illumination	3COX
	COPA
	HSL
	2SL
Waterproof illumination	SL
	RNMU
	AOI
Infrared light	2FTB/2FTR
	FTC
	2FT/3FT
	2PFT/3PFT
Ultraviolet light	LIP
	IP
	IR
	UV
Customized	Customized
	PS
	PD
	2DRC
Controller	3STU
	APC
	DPC
	2APC
Lenses	DPA
	2ACC
	2DPC
	Area scan
Line scan	Line scan