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Providers of Quality Video Products

ParanTek supplies videos module solutions to customers from the following industries;

CCTV

ITS

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Military

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ATM

Inspection

Robotics

LPR

Vehicle

Health

Entertainment

Model Name	Type	Resolution	Image Sensor	WDR	Sens-up (DSS)	DNR	PCB Size	Power Range	OSD Access	Lens Holder	IRIS	Stepping AF 2-Motor Lens	IR-Cut Removal (LED Sync/Control)	Audio	Communication (Serial Protocol)	Etc. [Status]
ACC-1E0	AHD Etc.	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol) . UTC	X	Fixed IRIS	X	X	X	RS232C TTL 3.3V	Mini-Box Housing (30x30mm) [Mass Production]
ACC-1G0	AHD Etc.	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Ø17 & Etc. 3-B/Ds	DC5~18V	. Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol) . UTC	X	Fixed IRIS	X	X	X	RS485	Mini-Bullet Housing (Ø19) [Mass Production]
ACC-1V0	AHD Etc.	1080P 25/30	1/2.9" CMOS	N/A	N/A	2D	Ø19x15.5mm 1-B/D	DC3.3V±5%	X	X	Fixed IRIS	X	X	X	X	[Mass Production]
ACC-1Y0	AHD Etc.	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol) . UTC	M12, D14, C/CS	Fixed IRIS	X	O	X	RS232C TTL 3.3V	[Mass Production]
ACC-2E0	AHD Etc.	1080P 25/30	1/2.7" WDR CMOS	Yes	N/A	2D	Ø19.4 1-B/D	DC3.3V±5%	. UTC	X	Fixed IRIS	X	X	X	X	[Mass Production]
ACC-2F0	AHD Etc.	1944P 20	Sony 1/2.8" IMX335LQN	Yes (Double Scanned WDR)	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . Via Serial (Pelco-D Protocol) . UTC	X	Fixed IRIS	X	X	Option	RS232C TTL 3.3V	Mini-Box Housing (30x30mm) [Mass Production]
ACC-2K0	AHD Etc.	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	26x22mm Type 1-B/D	DC5V±5%	. Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	X	RS232C TTL 3.3V	[Mass Production]
ACC-2M0	AHD Etc.	1080P 25/30	Onsemi 1/2.6" AR0234CS	Yes (Double Scanned WDR)	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol) . UTC	X	Fixed IRIS	X	X	X	RS232C TTL 3.3V	Global Shutter Mini-Box Housing (30x30mm) [Mass Production]
ACC-600	AHD Etc.	720P 25/30	Sony 1/3" IMX265LQR	N/A	Yes (X30)	3D	32x32mm 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . UTC	M12, D14	Fixed IRIS	X	O	Option	X	[Stock Sale Only]
ACC-730	AHD Etc.	1080P 25/30	Sony 1/2.9" IMX323LQN	N/A	N/A	2D	32x32mm 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . UTC	M12, D14	Fixed IRIS	X	O	Option	X	[Stock Sale Only]
ACC-860	AHD Etc.	1944P 20	Sony 1/2.8" IMX335LQN	N/A	Yes (X30)	3D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type)	M12, D14	Fixed IRIS	X	O	Option	X	[Stock Sale Only]
ACC-900	AHD Etc.	1944P 20	Sony 1/2.8" IMX335LQN	Yes (Double Scanned WDR)	Yes (X32)	3D	21x21mm 2-B/Ds	DC3.3V±5%	. Via Serial (Pelco-D Protocol)	M12	Fixed IRIS	X	X	X	RS232C TTL 3.3V	[Mass Production]
ACC-940	AHD Etc.	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol) . UTC	M12, D14, C/CS	DC Auto & Fixed IRIS	O	O	X	RS232C TTL 3.3V	[Mass Production]
New																

Model Name	Type	Resolution	Image Sensor	WDR	Sens-up (DSS)	DNR	PCB Size	Power Range	OSD Access	Lens Holder / Zoom Ratio	IRIS	Stepping AF 2-Motor Lens	IR-Cut Removal (LED Sync/Control)	Communication (Serial Protocol)	Etc. [Status]
DCC-1Z0	BT1120	1080P 25/30/50/60	Sony 1/2" IMX385LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14	DC Auto & Fixed IRIS	O	O	RS232C TTL 3.3V	[Mass Production]
DCC-9410	BT1120	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14, C/CS	DC Auto & Fixed IRIS	O	O	RS232C TTL 3.3V	[Mass Production]
DCC-Z1022	LVDS	1080P 25/30/50/60	Sony 1/2.8" IMX307LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Zoom Block	DC12V±10%	. Via Serial (Pelco-D Protocol)	10X 4.7~47mm	DC Auto & Fixed IRIS	DC AF	O	RS232C TTL 3.3V	[Mass Production]
DCC-Z1840	TMDS	2160P 24/30	Sony 1/1.8" IMX334LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Zoom Block	DC12V±10%	. Via Serial (Pelco-D Protocol)	18X 6.8~120mm	DC Auto & Fixed IRIS	DC AF	O	RS232C TTL 3.3V	[Mass Production]
DCC-Z2021	LVDS	1080P 25/30/50/60	Panasonic 1/3" MN34422	Yes (Double Scanned WDR)	Yes (X32)	3D	Zoom Block	DC12V±10%	. Via Serial (Pelco-D Protocol)	20X 4.7~94mm	DC Auto & Fixed IRIS	DC AF	O	RS232C TTL 3.3V	[Mass Production]
DCC-Z3020	LVDS	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Zoom Block	DC12V±10%	. Via Serial (Pelco-D Protocol)	30X 4.7~141mm	DC Auto & Fixed IRIS	DC AF	O	RS232C TTL 3.3V	[Mass Production]
DCC-Z3520	LVDS	1080P 25/30/50/60	Sony 1/2" IMX385LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Zoom Block	DC12V±10%	. Via Serial (Pelco-D Protocol)	35X 6~210mm	DC Auto & Fixed IRIS	DC AF	O	RS232C TTL 3.3V	[Mass Production]
New															

Model Name	Type	Resolution / Shutter	Image Sensor	WDR	Sens-up (DSS)	DNR	PCB Size	Power Range	OSD Access	Lens Holder	IRIS	Stepping AF 2-Motor Lens	IR-Cut Removal (LED Sync/Control)	Audio	Communication (Serial Protocol)	Etc. [Status]
ACC-1P0	CVBS	D1 Global	Sharp 1/3" CCD	N/A	Yes (X32)	3D	20x20mm Type 2-B/Ds	DC5~18V	. Wire OSD Port(AD Type)	X	Fixed IRIS	X	X	X	X	[Mass Production]
ACC-1Q0	CVBS	D1 Global	Sharp 1/3" CCD	N/A	N/A	2D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(AD type) . UTC	M12, D14	Fixed IRIS	X	O	Option	X	[Mass Production]
ACC-1W0	CVBS	D1 Global	Sharp 1/3" CCD	N/A	Yes (X32)	3D	23x23mm Type 1-B/D	DC5~18V	. Wire OSD Port(AD Type)	X	Fixed IRIS	X	X	X	X	[Mass Production]
ACC-1X0	CVBS	D1 Rolling	Sony 1/2.8" IMX335LQN	WDR	Yes(X32)	3D	26x26mm 1-B/D	DC5~18V	. Wire OSD Port(GPIO)	X	Fixed IRIS	X	X	X	X	[Developed]
ACC-2A0	CVBS	D1 Rolling	1/4" CMOS	N/A	N/A	N/A	Ø10.8x9.4mm 2-B/Ds	DC3.3V±5%	X	X	Fixed IRIS	X	X	X	X	[Mass Production]
ACC-2B0	CVBS	D1 Global	Sharp 1/3" CCD	N/A	Yes (X32)	3D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(AD Type) . UTC	X	Fixed IRIS	X	O	X	X	[Mass Production]
ACC-2D0	CVBS	D1 Rolling	1/4" CMOS	N/A	N/A	N/A	Ø13x12mm 1-B/D	DC3.3V±5%	X	X	Fixed IRIS	X	X	X	X	[Developed]
ACC-2H0	CVBS	D1 Rolling	1/4" CMOS	N/A	N/A	N/A	14x14mm 1-B/D	DC3.3V±5%	X	X	Fixed IRIS	X	X	X	X	[Mass Production]
ACC-2L0	CVBS	D1 Rolling	1/4" CMOS	N/A	N/A	N/A	14x14mm 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(AD Type)	M12, D14	Fixed IRIS	X	X	Option	X	[Developed]
ACC-660	CVBS	D1 Rolling	1/4" CMOS	N/A	N/A	N/A	14x14mm 1-B/D	DC3.3V±5%	X	X	Fixed IRIS	X	X	X	X	[Stock Sale Only]
ACC-760	CVBS	D1 Global	Sharp 1/3" CCD	N/A	N/A	2D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . UTC	M12, D14	Fixed IRIS	X	O	X	X	[Mass Production]
ACC-840	CVBS	D1 Rolling	Sony 1/3.2" ISX017	WDR	N/A	2D	26x26mm 1-B/D	DC5~18V	. Wire OSD Port(GPIO)	X	Fixed IRIS	X	X	X	X	[Developed]
ACC-890	CVBS	D1 Global	Sharp 1/3" CCD	N/A	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . UTC	X	Fixed IRIS	X	X	Option	X	[Mass Production]
New																

Model Name	Type	Resolution	Image Sensor	WDR	Sens-up (DSS)	DNR	PCB Size	Power Range	OSD Access	Lens Holder	IRIS	Stepping AF 2-Motor Lens	IR-Cut Removal (LED Sync/Control)	Audio	O/S	Etc. [Status]
				Only one of the three can be selected												
DCC-1A0	IP H.264	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	28x28mm Type 1-B/D	DC12V±10% POE (Option)	. HTTP Webpage . Via Network API(Protocol)	X	Fixed IRIS	X	X	X	RTOS Dual Streaming	Mini-Box Housing (30x30mm) [Mass Production]
DCC-1H0	IP H.264	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	Ø17 & Etc. 3-B/Ds	DC12V±10% POE (Option)	. HTTP Webpage . Via Network API(Protocol)	X	Fixed IRIS	X	X	O	RTOS Dual Streaming	Mini-Bullet Housing (Ø19) [Mass Production]
DCC-1K0	IP H.264	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	32x32mm 1-B/D	DC12V±10% POE (Option)	. HTTP Webpage . Via Network API(Protocol)	M12, D14	Fixed IRIS	X	X	O	RTOS Dual Streaming	[Mass Production]
DCC-1M0	IP H.264	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10% POE (Option)	. HTTP Webpage . Via Network API(Protocol)	M12, D14, C/CS	DC Auto & Fixed IRIS	O	O	O	RTOS Dual Streaming	[Mass Production]
DCC-2C0	IP H.264	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	Ø17 & Etc. 3-B/Ds	DC12V±10% POE (Option)	. HTTP Webpage . Via Network API(Protocol)	X	Fixed IRIS	X	X	O	RTOS Dual Streaming	Mini-Bullet Housing (Ø19) [Mass Production]
DCC-960	IP H.264	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	32x32mm 1-B/D	DC12V±10% POE (Option)	. HTTP Webpage . Via Network API(Protocol)	M12, D14, C/CS	Fixed IRIS	X	O	X	RTOS Dual Streaming	[Mass Production]
New																

Model Name	Type	Resolution	Image Sensor	WDR	Sens-up (DSS)	DNR	PCB Size	Power Range	OSD Access	Lens Holder	IRIS	Stepping AF 2-Motor Lens	IR-Cut Removal (LED Sync/Control)	Communication (Serial Protocol)	Etc. [Status]
DCC-1E0	HD-SDI	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS232C TTL 3.3V	Mini-Box Housing (30x30mm) [Mass Production]
DCC-1E60	3G-SDI	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS232C TTL 3.3V	Mini-Box Housing (30x30mm) [Mass Production]
DCC-1G0	HD-SDI	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Ø17 & Etc. 3-B/Ds	DC5~18V	. Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS485	Mini-Bullet Housing (Ø19) [Mass Production]
DCC-1G60	3G-SDI	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	Ø17 & Etc. 3-B/Ds	DC5~18V	. Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS485	Mini-Bullet Housing (Ø19) [Mass Production]
DCC-1N0	HD-SDI	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	Ø21x16mm 2-B/Ds	DC3.3V±5%	. Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS232C TTL 3.3V	AF OPD Data Out [Mass Production]
DCC-1Y0	HD-SDI	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14, C/CS	Fixed IRIS	X	O	RS232C TTL 3.3V	[Mass Production]
DCC-1Y60	3G-SDI	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	32x32mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14, C/CS	Fixed IRIS	X	O	RS232C TTL 3.3V	[Mass Production]
DCC-1Z0	3G-SDI	1080P 25/30/50/60	Sony 1/2" IMX385LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14	DC Auto & Fixed IRIS	O	O	RS232C TTL 3.3V	[Mass Production]
DCC-2K0	3G-SDI	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	26x22mm 1-B/D	DC5V±5%	. Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS232C TTL 3.3V	[Mass Production]
DCC-2M0	3G-SDI	1080P 25/30/50/60	Onsemi 1/2.6" AR0234CS	Yes (Double Scanned WDR)	Yes (X32)	3D	28x28mm Type 1-B/D	DC5~18V	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS232C TTL 3.3V	Global Shutter Mini-Box Housing (30x30mm) [Mass Production]
DCC-920	HD-SDI	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	22x22mm 2-B/Ds	DC5~18V	. Via Serial (Pelco-D Protocol)	X	Fixed IRIS	X	X	RS232C TTL 3.3V	[Developed]
DCC-940	HD-SDI	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR)	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14, C/CS	DC Auto & Fixed IRIS	O	O	RS232C TTL 3.3V	[Mass Production]
DCC-9420	HD-SDI BT1120	1080P 25/30	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14, C/CS	DC Auto & Fixed IRIS	O	O	RS232C TTL 3.3V	[Mass Production]
DCC-9460	3G-SDI	1080P 25/30/50/60	Sony 1/2.8" IMX327LQR	Yes (Double Scanned WDR) N/A for 50/60 mode	Yes (X32)	3D	42x42mm 1-B/D	DC12V±10%	. OSD Joystick on PCB . Wire OSD Port(GPIO/AD type) . Via Serial (Pelco-D Protocol)	M12, D14, C/CS	DC Auto & Fixed IRIS	O	O	RS232C TTL 3.3V	[Mass Production]
New															

Model Name	Type	Resolution	Image Sensor	WDR	Sens-up (DSS)	DNR	PCB Size	Power Range	OSD Access	Lens Holder	IRIS	Stepping AF 2-Motor Lens	IR-Cut Removal (LED Sync/Control)	Audio	Etc. [Status]
DCC-1B0	USB2.0 MJPEG	VGA 25/30	1/3" WDR CMOS	Yes	N/A	2D	28x28mm Type 1-B/D	DC5V via USB	X	M12, D14	Fixed IRIS	X	X	X	Mini-Box Housing (30x30mm) [Mass Production]
DCC-1S0	USB2.0 MJPEG	1080P 25/30	Sony 1/2.8" IMX327LQR	N/A	N/A	2D	28x28mm Type 1-B/D	DC5V via USB	X	X	Fixed IRIS	X	X	X	Mini-Box Housing (30x30mm) [Mass Production]
DCC-2G0	USB2.0 MJPEG	1080P 25/30	Sony 1/2.8" IMX327LQR	N/A	N/A	2D	32x32mm 1-B/D	DC5V via USB	X	M12, D14, C/CS	Fixed IRIS	X	O	X	[Mass Production]
DCC-2J0	USB2.0 MJPEG	1080P 25/30	Sony 1/2.8" IMX327LQR	N/A	N/A	2D	Ø17 & Etc. 3-B/Ds	DC5V via USB	X	X	Fixed IRIS	X	X	X	Mini-Bullet Housing (Ø19) [Mass Production]
DCC-490	USB2.0 MJPEG	720P 25/30	1/3" WDR CMOS	Yes	N/A	2D	28x28mm Type 1-B/D	DC5V via USB	X	M12, D14	Fixed IRIS	X	X	X	Mini-Box Housing (30x30mm) [Mass Production]
New															

Model Naming

Video Module Without Lens

Without Lens

DCC - M I 490 - F - 2/4P*2

① ② ③ ④ ⑤ ⑥

①	**ACC**	Analog Output Camera Module
	DCC	Digital Output Camera Module
②	**A**	No Lens holder
	E	D14 type Lens holder
	M	M12 type Lens holder
	H	M12 type Pinhole Lens holder (Short neck)
	U	CS Lens holder
	K	Mechanical TDN ICR with M12 type holder
	T	Mechanical TDN ICR without Lens holder (Box Camera)
③	**None**	"Empty" when there is no Filter at all
	B	Band-pass(850nM only) Filter
	D	All-pass(Dummy) Filter
	I	IR-Cut Filter
	N	IR-pass(Flash + 940nM) Filter
	R	IR-pass(Flash + 850nM) Filter
④	**490**	Module Number
	490A	With Audio Microphone together
	490N/P	Mostly for analog CCD model. N: NTSC / P: PAL
⑤	**F**	When all the wafers are fully mounted
	O	With OSD Switch
⑥	**2/4P*2**	2P Wafer x 1, 4P Wafer x 2
	2/4/6P	2P Wafer x 1, 4P Wafer x 1, 6P Wafer x 1
	A6P	6P Angle type Wafer
		* Do not indicate any if it is default/SMT wafer on board

Model Naming

Video Module With Lens

With Lens

DCC - I F 490 - 2.8 - F - 2/4P*2

① ② ③ ④ ⑤ ⑥ ⑦

①	**ACC**	Analog Output Camera Module
	DCC	Digital Output Camera Module
②	**None**	"Empty" when there is no Filter at all
	B	Band-pass(850nM only) Filter
	D	All-pass(Dummy) Filter
	I	IR-Cut Filter
	K	Mechanical TDN ICR with M12 type holder
	N	IR-pass(Flash + 940nM) Filter
	R	IR-pass(Flash + 850nM) Filter
③	**C**	Manual Vari-focal Lens (DC Iris & ICR) standard f=2.8~12mm
	F	Fixed Board Lens standard f=3.6mm for analog, f=4mm for digital
	P	Pinhole type Fixed Board Lens standard f=3.7mm
	V	Manual Vari-focal Lens (DC Iris only) standard f=2.8~12mm
	X	Manual Vari-focal Lens standard f=2.8~12mm
	Y	Motorized Zoom Lens (DC Iris only)
	Z	Motorized Zoom Lens (DC Iris & ICR)
④	**490**	Module Number
	490A	With Audio Microphone together
	490N/P	Mostly for analog CCD model. N: NTSC / P: PAL
⑤	**2.8**	focal length f=2.8mm
	5050	focal length f=5~50mm
		* Do not indicate any if it is a standard focal length
⑥	**F**	When all the wafers are fully mounted
	O	With OSD Switch
⑦	**2/4P*2**	2P Wafer x 1, 4P Wafer x 2
	2/4/6P	2P Wafer x 1, 4P Wafer x 1, 6P Wafer x 1
	A6P	6P Angle type Wafer
		* Do not indicate any if it is default/SMT wafer on board