



VISUALIZER DOCUMENT TC-20P+

CAMERA

PRODUCT SPECIFICATION

NOTITION AREA	MODEL	TC-20P+
VIDEO RESOLUTION 1080P@30FPS 4K UHD@30FPS IMAGE SENSOR 8 MP FRAME RATE 4K@30FPS IMAGE ROTATION 0Y/90*/180*/270° INPUT CONNECTOR MIC INPUT X1 VGA *1 HDMI *1 OUTPUT CONNECTOR VGA *1 AV OUT*1 HDMI *1 USB TYPE B*1 (FOR LVC) USB (LVC) YES IMAGE ROTATION 0°, 90°,180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM TOTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PC\$\text{MGGE} DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SO CARD LCD PREVIEW YES BULD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MAGNIFICATION YES MASK YES WHITE BOARD YES WHITE BOARD OLDUR SELECTION YES BLACK / WHITE AND COLOR SELE	LENS	17X OPTICAL ZOOM + 8X DIGITAL ZOOM
IMAGE SENSOR 8 MP FRAME RATE 4KRROCPPS IMAGE ROTATION 0°/90°/180°/270° INPUT CONNECTOR MIC INPUT X1 VGA *1 HDMI *1 OUTPUT CONNECTOR VGA *1 AV OUT*1 HDMI *1 USB TYPE B*1 (FOR UVC) USB (UVC) YES IMAGE ROTATION 0°, 90°, 180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS#5M 10PCS#8M DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD BUILD-IN LED ARM LAMP YES BUILD-IN LED ARM LAMP YES MASK YES WHITE BOARD YES WHITE BOARD YES VIHITE BOARD YES WHITE BOARD YES WHITE BOARD SELECTION YES BLACK / WHITE AND COLOR SELECTION YES BLACK / WHITE AND COLOR SELECTION YES MIRROR YES	SHOOTING AREA	A3
FRAME RATE 4K830PPS IMAGE ROTATION 0°/90°/180°/270° INPUT CONNECTOR MIC INPUT X 1VGA *1 HDMI *1 OUTPUT CONNECTOR V6A *1 AV OUT*1 HDMI *1 USB TYPE B*1 (FOR UVC) USB (UVC) YES IMAGE ROTATION 0°, 90°, 180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS#5M 10PCS#8M DISPLAY TÜGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD BUILD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MAGNIFICATION YES WHITE BOARD YES BOACK / WHITE AND COLOR SELECTION YES MAGGE FREEZE	VIDEO RESOLUTION	1080P@30FPS 4K UHD@30FPS
IMAGE ROTATION 0°/90°/180°/270° INPUT CONNECTOR MIC INPUT X1 VGA *1 HDMI *1 OUTPUT CONNECTOR VGA *1 AV OUT*1 HDMI *1 USB TYPE B*1 (FOR UVC) USB (UVC) YES IMAGE ROTATION 0°, 90°, 180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS@SM 10PCS@SM DISPLAY TORGILE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD BUILD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MAGNIFICATION YES WHITE BOARD YES WHITE AND COLOR SELECTION YES BLACK / WHITE AND COLOR SELECTION YES MAGGE FREEZE YES MIRROR	IMAGE SENSOR	8 MP
INPLIT CONNECTOR MIC INPUT X1 VGA "1 HOM! "1 OUTPUT CONNECTOR VGA "1 AV OUT"1 HOM! "1 USB TYPE B"1 (FOR UVC) USB (UVC) YES IMAGE ROTATION 0", 90",180", 270" FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180" CAMERA HEAD ROTATION 180" INBUILT MIC YES ON BOARD MEMORY 18PCS#95M 10PCS#8M DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW YES BUILD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MASK YES WHITE BOARD YES WHITE BOARD YES WHITE BOARD YES WHITE BOARD YES WHITE POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES BLACK / WHITE AND COLOR SELECTION YES MIRROR YES ON NECTTO A MICROSCOPE YES	FRAME RATE	4K@30FPS
OUTPUT CONNECTOR YGA *1 AV OUT*1 HDMI *1 USB TYPE B*1 (FOR UVC) USB (UVC) YES IMAGE ROTATION 0°, 90°, 180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS@5M 10PCS@8M DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW YES BUILD IN LED ARM LAMP YES ON BAORD ANNOTATION YES MAGNIFICATION YES WHITE BOARD YES WHITE BOLANCE AUTO NEGATIVE / POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES MIRROR YES MIRROR YES	IMAGE ROTATION	0°/90°/180°/270°
LUSB (LUYC) YES IMAGE ROTATION 0°, 90°, 180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS=5M 1DPCS=8M DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW YES BUILD IN LED ARM LAMP YES ON BAORD ANNOTATION YES MAGNIFICATION YES WHITE BOARD YES WHITE BOARD YES WHITE BLANCE AUTO NEGATIVE / POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES IMAGE FREEZE YES MIRROR YES CONNECT TO A MICROSCOPE YES	INPUT CONNECTOR	MIC INPUT X1 VGA *1 HDMI *1
IMAGE ROTATION 0°, 90°, 180°, 270° FOLDING ARM TYPE MECHANICAL FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS@SM 10PCS@8M DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW YES BUILD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MASK YES WHITE BOARD YES WHITE BOARD YES WHITE BALANCE AUTO NEGATIVE / POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES MIRROR YES MIRROR YES CONNECT TO A MICROSCOPE YES	OUTPUT CONNECTOR	VGA *1 AV OUT*1 HDMI *1 USB TYPE B*1 (FOR UVC)
FOLDING ARM ROTATION 180° CAMERA HEAD ROTATION 180° CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCSØSM 10PCSØSM DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW YES BUILD-IN LED ARM LAMP YES BUILD-IN LED ARM LAMP YES MAGNIFICATION YES MASK YES WHITE BOARD YES WHITE BALANCE AUTO NEGATIVE / POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES IMAGE FREEZE YES MIRROR YES CONNECT TO A MICROSCOPE	USB (UVC)	YES
FOLDING ARM ROTATION CAMERA HEAD ROTATION 180° INBUILT MIC YES ON BOARD MEMORY 18PCS@SM 10PCS@8M TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD LCD PREVIEW YES BUILD-IN LED ARM LAMP YES MAGNIFICATION YES MASK YES WHITE BOARD PIP YES WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION MAGGE FREEZE MIRROR CONNECT TO A MICROSCOPE YES CONNECT TO A MICROSCOPE	IMAGE ROTATION	0°, 90°,180°, 270°
CAMERA HEAD ROTATION INBUILT MIC ON BOARD MEMORY DISPLAY TOGGLE MEMORY CARD LCD PREVIEW BUILD-IN LED ARM LAMP ON BAORD ANNOTATION MAGNIFICATION MAGNIFICATION WHITE BOARD PIP WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION MIRROR CONNECT TO A MICROSCOPE MESSAM 19PCS@SM 10PCS@SM TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE SD CARD TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES SD CARD YES SD CARD YES WES WHITE BOARD YES WHITE BOARD YES WHITE BALANCE NEGATIVE / POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES MIRROR VES CONNECT TO A MICROSCOPE	FOLDING ARM TYPE	MECHANICAL
INBUILT MIC ON BOARD MEMORY 18PCS@5M 10PCS@8M DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW YES BUILD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MASK YES WHITE BOARD WHITE BOARD PIP WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION YES MAGREFREEZE MIRROR CONNECT TO A MICROSCOPE YES CONNECT TO A MICROSCOPE YES YES CONNECT TO A MICROSCOPE YES YES YES YES YES YES YES CONNECT TO A MICROSCOPE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE TO PREVIEW IMAGES A	FOLDING ARM ROTATION	180°
ON BOARD MEMORY DISPLAY TOGGLE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE MEMORY CARD SD CARD LCD PREVIEW BUILD-IN LED ARM LAMP ON BAORD ANNOTATION YES MASK YES WHITE BOARD WHITE BOARD NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION MAGNEFREEZE MIRROR CONNECT TO A MICROSCOPE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE SD CARD YES SD CARD YES YES WES AUTO YES MASK YES MIRROR YES MIRROR YES MIRROR YES CONNECT TO A MICROSCOPE YES	CAMERA HEAD ROTATION	180°
DISPLAY TOGGLE MEMORY CARD SD CARD LCD PREVIEW BUILD-IN LED ARM LAMP ON BAORD ANNOTATION MAGNIFICATION WHITE BOARD WHITE BALANCE WHITE BALANCE BLACK / WHITE AND COLOR SELECTION IMAGE FREEZE MIRROR CONNECT TO A MICROSCOPE TYES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE SD CARD YES YES YES WES AUTO YES MIRROR YES CONNECT TO A MICROSCOPE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE SD CARD YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE YES TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE TO THE EXTERNAL DISPLAY DE	INBUILT MIC	YES
MEMORY CARD LCD PREVIEW BUILD-IN LED ARM LAMP ON BAORD ANNOTATION YES MAGNIFICATION YES MASK YES WHITE BOARD PIP YES WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION IMAGE FREEZE MIRROR CONNECT TO A MICROSCOPE YES SD CARD YES YES YES YES AUTO YES MIRROR YES CONNECT TO A MICROSCOPE YES CONSIDERATION YES CONSIDERATION YES CONSIDERATION YES CONSIDERATION YES CONSIDERATION YES YES CONSIDERATION YES YES CONSIDERATION YES YES YES YES YES YES YES YE	ON BOARD MEMORY	18PCS@5M 10PCS@8M
BUILD-IN LED ARM LAMP YES ON BAORD ANNOTATION YES MAGNIFICATION YES WHITE BOARD PIP YES WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION YES MIRROR CONNECT TO A MICROSCOPE YES CONSCIPED YES YES YES YES YES YES YES YE	DISPLAY TOGGLE	TO PREVIEW IMAGES AND VIDEOS IN THE EXTERNAL DISPLAY DEVICE
BUILD-IN LED ARM LAMP ON BAORD ANNOTATION YES MAGNIFICATION YES WHITE BOARD YES WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION YES MIRROR YES CONNECT TO A MICROSCOPE YES YES YES YES YES YES YES YE	MEMORY CARD	SD CARD
MAGNIFICATION YES MASK YES WHITE BOARD YES PIP YES WHITE BALANCE AUTO NEGATIVE / POSITIVE CONVERSION YES BLACK / WHITE AND COLOR SELECTION YES MIRROR YES CONNECT TO A MICROSCOPE YES	LCD PREVIEW	YES
MAGNIFICATION MASK YES WHITE BOARD PIP YES WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION IMAGE FREEZE MIRROR CONNECT TO A MICROSCOPE YES YES CONNECT TO A MICROSCOPE	BUILD-IN LED ARM LAMP	YES
MASK WHITE BOARD YES PIP YES WHITE BALANCE AUTO NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION YES IMAGE FREEZE YES MIRROR CONNECT TO A MICROSCOPE YES	ON BAORD ANNOTATION	YES
WHITE BOARD PIP YES WHITE BALANCE AUTO NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION YES IMAGE FREEZE YES MIRROR YES CONNECT TO A MICROSCOPE YES	MAGNIFICATION	YES
PIP WHITE BALANCE AUTO NEGATIVE / POSITIVE CONVERSION PES BLACK / WHITE AND COLOR SELECTION YES IMAGE FREEZE YES MIRROR YES CONNECT TO A MICROSCOPE YES	MASK	YES
WHITE BALANCE NEGATIVE / POSITIVE CONVERSION BLACK / WHITE AND COLOR SELECTION IMAGE FREEZE MIRROR CONNECT TO A MICROSCOPE AUTO YES YES AUTO YES YES YES YES	WHITE BOARD	YES
NEGATIVE / POSITIVE CONVERSIONYESBLACK / WHITE AND COLOR SELECTIONYESIMAGE FREEZEYESMIRRORYESCONNECT TO A MICROSCOPEYES	PIP	YES
BLACK / WHITE AND COLOR SELECTION IMAGE FREEZE MIRROR CONNECT TO A MICROSCOPE YES YES YES	WHITE BALANCE	AUTO
IMAGE FREEZE MIRROR YES CONNECT TO A MICROSCOPE YES	NEGATIVE / POSITIVE CONVERSION	YES
MIRROR YES CONNECT TO A MICROSCOPE YES	BLACK / WHITE AND COLOR SELECTION	YES
CONNECT TO A MICROSCOPE YES	IMAGE FREEZE	YES
	MIRROR	YES
POWER DC IN	CONNECT TO A MICROSCOPE	YES
	POWER	DC IN



HiteVision

CHENNAI

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