

# DUM-F490-2.1(JP)

## USB2.0 MINIATURE CAMERA

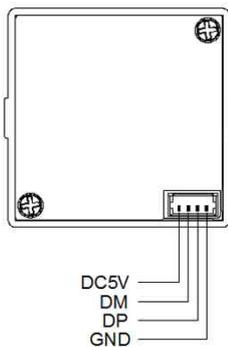
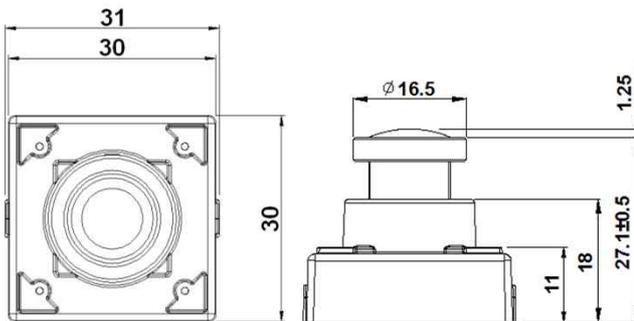


### Main Features

- 1/3" 1M(720P) Progressive CMOS WDR Image Sensor
- 1Mega Pixels (720p25/30)
- Fixed Board Lens
- Strong at Low Lux Light Condition for Security Purpose
- Excellent Quality of MJPEG Videos
- USB2.0 Compliant
- Appointing unique H/W ID Available for dual cameras per PC
- Best for ATM, Kiosk, POS, Face Recognition, Gaming Applications
- Snap-shot Feature Supported (490S series)
- Box Miniature Housing(30x30 type)
- Providing 3M long USB cable & U type swivel bracket



### Dimension



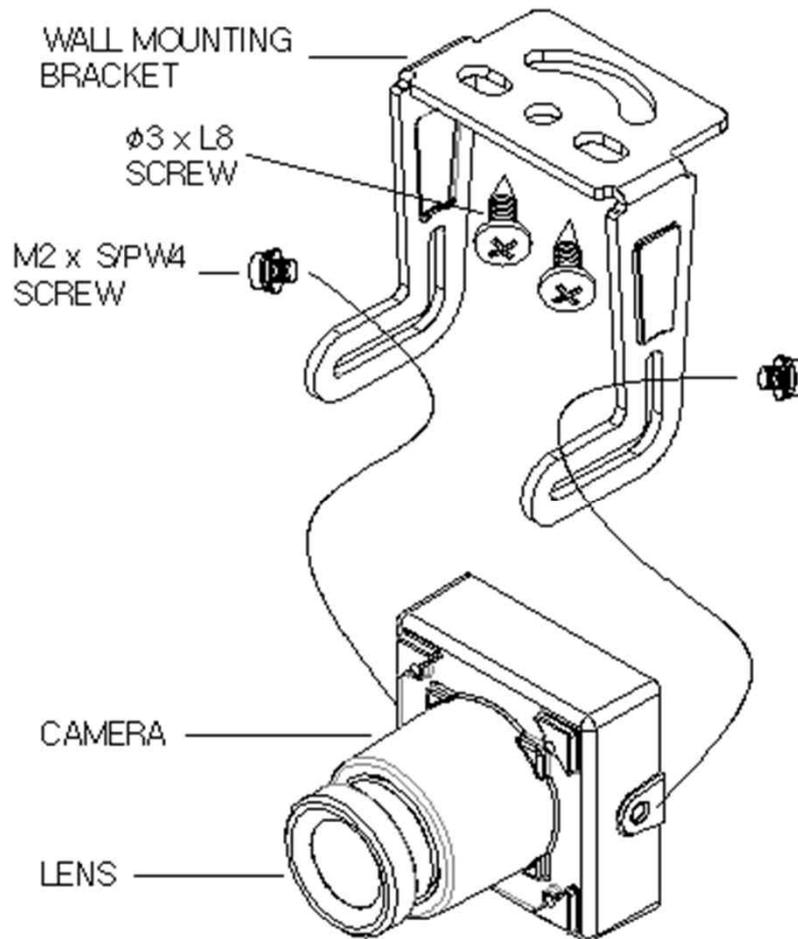
### Specifications

Model	DUM-F490-2.1(JP) / DUM-F490S-2.1(JP)
Signal System	MJPEG Encoded
Pickup Device	1/3"(D-6mm) 1M Progressive WDR CMOS Sensor
Scanning System	Progressive Scan (16:9)
Sync. System	Internal
Total Pixels	1.07M [1384(H)x776(V)]
Effective Pixels	0.92M [1280(H)x720(V)]
Min. Illumination	0.4Lux
H-Resolution	More than 800TV Lines(H)
S/N Ratio	More than 39dB
Video Out	HD 720p [1280x720] - MJPEG Scaled down [640x360(16:9) from 1280x720] - YUV Scaled down [480x360(4:3) from 960x720] - YUV
Capturing Speed	25 / 30fps in MJPEG Mode (50Hz / 60Hz)
Lens	Fixed f=2.1mm board type, F2.8
Lens (Mount)	Board Mount(M12)
Angle of View	141°(D), 119°(H), 65°(V)
OSD	N/A
Exposure	Auto
White Balance	Auto
Day & Night Mode	Color (Factory Default)
Gain Control	Auto
Electronic Shutter	Auto
Mirror	Off (Factory Default)
Snap-shot	No / Yes
Supported O/S	UVC Compatible O/S - Windows (CE/XP/Vista/Win7/Win8) - Linux(2.6.26 or later), Mac, Android etc
No. of Camera ID	Up to 2 per PC
Power Source	DC5V via USB
Power Consumption	Less than 0.95 Watts (190mA@DC5V)
Operating Temp.	-10℃ ~55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	30 x 30
Weight	182 g (gift-box packing, Including 3M USB Cable)

### Option

- Lens (Fixed)  
f=1.1mm(Fish-eye 180°), 2.5mm, 2.8mm, 3.6mm, 4mm, 6mm, 8mm, 12mm, 16mm, 25mm
- Snap-shot (DUM-F490S-2.1)

# Camera Mounting Instruction



- There are three(3) of each Ø3xL8 screw and M2xS/PW4 screw together with a swivel bracket in the accessory package.
- Please use two(2) of the screws as shown above. We are providing one of each extra screw in the package.
- If you do not use M2xS/PW4 screws provided, it can **damage** the camera board inside housing. Such the damage will be your responsibility.