

Short name	SQ250
SKU	0125468
EAN	5060848965437

SQ250 20x Optical 30x Digital HD 3G-SDI Broadcast Box Camera



The Squareone SQ250 20x is a 1080p box camera with 20X TAMRON optical zoom lens for capturing HD video even at a distance. The Panasonic 1/2.8 HD CMOS sensor can reach a maximum of 1920 x 1080 resolution. With the option of a further 30x Digital Zoom this camera can be used in a multitude of environments.

With support for 3G-SDI & IP streaming, this camera is ideal for broadcasting high-definition video signals for broadcast or video conferencing applications up to 1080p/60 resolution.

Video Outputs	(1) Video over Ethernet (1080p@30fps capable) ¹ (1) 3G-SDI (up to 1080P@60fps capable)
Aspect Ratios	4:3, 16:9
Output Resolution Range	720p30 to 1080p60
IP Streaming	Video Bitrate Range: 128 ~ 8192 kbps Maximum 1080p Frame Rate 60fps Maximum 720p Frame Rate 60fps Audio Bitrate Options: 96K, 129K, 256K AAC Audio Encoding Audio Sample Rate Options: 44.1K, 48K
Video compression	H.264/MJPEG
Recommended maximum Cable Length for Ethernet (based on standards)	100 m
Scanning Mode	Progressive
Focal Length	20x Optical, F=4.42mm ~ 88.5mm, F1.8-F2.8 R
Field of View	Lens ~ 60.7°
Shutter Speed	1/30s ~ 1/10000s
Vertical Flip	Supported
Vertical Angle of View	Lens ~1.28° (tele) to 34.1°(wide)
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K-1, 6500K-2, 6500K-3, One Push (ok), Manual
Minimum illumination	0.5 lux @ F1.8,AGC on
Analog audio inputs/outputs	Line In, 3.5mm Line out 3.5mm
Dual Streaming	Supported
Support Protocols	TCP/IP, HTTP, RSTP, RTMP, Onvif, DHCP, Multicast
Baud Rate	2400/4800/9600 bits
Recommended maximum cable length for RS-485	1,200 meters protocol: VISCA/Pelco-D/Pelco-P
Input Voltage	12V DC (10.8 - 13.0V DC) or PoE 802.3af
Dimensions	61mmW x 140mmD x 77mmH