

# Monitor recorder + wireless camera set TSP-WCS0200

Full High Definition <b>FULL HD</b> 1080P	Bullet type Fixed camera Built-in mic	2.4GHz WiFi <b>2ch</b> IEEE802.11b/g/n Technically certified	
<b>H.265</b>	<b>12.5" LCD</b>	Dustproof <b>IP66</b> Waterproof	<b>P2P</b>



Easy operation, high function, high resolution wireless camera set



For monitoring home and store

## Characteristics

- All cameras are Full HD image quality
- 2.4GHz Wi-Fi (IEEE802.11b/g/n) compatible, cable less connection possible
- Two fixed cameras (built-in microphone)  
PTZ camera and Dome camera can be added if optional
- The camera case is IP66 compliant and can be installed outdoors
- Equipped with near-infrared LED, you can shoot at night or in places without lighting
- Technical conformity test certified (final design certification number R206-000593)
- Remote monitoring is possible with a PC or smart-phone

Monitor Recorder		
Item		Content
Video input	Network video	1080P (1920*1080) 4ch
	Network video input range	20 Mbps (Total 4ch)
Video output	HDMI Output	1ch, Resolution:1920*1080, 1240*1024, 1440*900, 1366*768, 1024*768
Recording	Recording mode	Manual recording, Schedule recording, Motion recording
	Playback function	Manual recording search, time search, motion search
	Backup	USB backup, Network download
Hard disk	Record media	SATA*1 hard disk 1TB (3.5inch 1TB*1)
	Maximum capacity	6TB
Network	Network port	RJ45 (10BASE-T/100BASE-TX)*1
	Wireless Network	2.4GHz band WiFi (IEEE802.11b / g / n), 5dB WiFi antenna x 2
Network condition	Communication protocol	UPnP (Plug & Play), SMTP (E-mail service) PPPoE, DHCP (Automatic IP address control), etc.
Others	Power	AC100V 50 / 60Hz DC12V / 3A (PSE compatible AC adapter)
	USB port	USB 2.0 x 2 (mouse, USB storage, etc.)
	Electricity consumption	5W or less (excluding HDD)
	Operating temperature	-10°C ~ +55°C
	Operating humidity	10% to 90% (no condensation)
	Measurement (mm)	300 (W) × 226 (H) × 48 (D) mm (excluding stand)
	Weight (Kg)	Approx. 1200g (excluding stand and HDD)

Bullet-type wireless fixed camera	
Item	Content
Sensor	1/ 2.7 inch progressive sensor
Compression method	H.265
Minimum illumination	Color: 0.01lux, IR ON at 0lux
Shutter speed	Automatic, 1/25 to 1/25000 seconds
Lens	3.6mm
Near infrared LED light	2 pieces
Near infrared LED exposure distance	20~30m
OSD	Date & time, title
White balance	Automatic
Day & Night	Automatic, color, black and white
Audio	Built-in microphone
Video stream	1920 x 1080@15fps
Network	RJ45 (10/100M) , 2.4GHz WiFi
Operating temperature / humidity	-10°C ~ 50°C/30% ~ 80%(no condensation)
Power input	DC12V / 1A (PSE compatible adapter)
Power consumption	6W or less
Dimensions (mm), mass (g)	185 (D) x65 (W) x165 (H), about 450g (body only)

Bullet-type wireless PTZ camera (optional)	
Item	Content
Sensor	1/ 2.7 inch progressive sensor
Compression method	H.265
Minimum illumination	Color: 0.01lux, IR ON at 0lux
Shutter speed	Automatic, 1/25 to 1/25000 seconds
Lens	2.8-12mm motorized zoom lens
Near infrared LED light	6 pieces
Near infrared LED exposure distance	20~25m
OSD	Date & time, title
White balance	Automatic
Day & Night	Automatic, color, black and white
Audio	Built-in microphone
Video stream	1920 x 1080@15fps
PTZ	Pan: 0°~180°, Tilt 0°~55°
Network	RJ45 (10/100M) , 2.4GHz WiFi
Operating temperature / humidity	-10°C ~ 50°C/30% ~ 80%(no condensation)
Power input	DC12V / 1A (PSE compatible adapter)
Power consumption	6W or less
Dimensions (mm), mass (g)	170 (D) x90 (W) x180 (H), about 410g (body only)

- Product specifications and appearance are subject to change without notice.
- ※HDMI is a trademark or registered trademark of HDMI Licensing LLC.
- ※Connection to all HDMI devices is not guaranteed.
- ※Other product names are trademarks or registered trademarks of their respective companies.
- ※The reference recording period is calculated at the average bit rate for each resolution and number of frames.
- ※The reference recording period does not guarantee the recording period for each resolution and number of frames.

Reference for recording period (recording period varies depending on the video)

	1920x1080	1280x960	1280x720	960x576	720x576
5fps	About 133 days	About 265 days	About 265 days	About 533 days	About 533 days
10fps	About 66 days	About 133 days	About 133 days	About 265 days	About 265 days
15fps	About 44 days	About 88 days	About 88 days	About 177 days	About 177 days
30fps	—	About 44 days	About 44 days	About 88 days	About 88 days

### Technical partner

Distributor:

**NIHON.GLOBAL™**  
A Japanese business gateway



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# Monitor recorder + wireless camera set TSP-WCS0301P

Full High Definition <b>FULL HD</b> 1080P	<b>12.5" LCD</b>	<b>4ch</b>	2.4GHz WiFi IEEE802.11b/g/n Technically certified
<b>H.265</b>	Bullet type PTZ/ Fixed camera Built-in mic	Dustproof <b>IP66</b> Waterproof	<b>P2P</b>



Easy operation, high function, high resolution wireless camera set



For monitoring home and store

## Characteristics

- All cameras are full HD image quality
- 2.4GHz Wi-Fi (IEEE802.11b/g/n) compatible, cable less connection possible
- 3 fixed cameras and 1 PTZ camera (all have built-in microphone) PTZ camera screen can be changed after installation
- The camera case is IP66 compliant and can be installed outdoors
- Equipped with near-infrared LED, you can shoot at night or in places without lighting
- Technical conformity test certified (final design certification number R206-000593)
- Remote monitoring is possible with a PC or smart-phone

Monitor Recorder		
Item		Content
Video input	Network video	1080P (1920*1080) 4ch
	Network video input range	20Mbps (Total 4ch)
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Hard disk	Record media	SATA*1 hard disk 1TB (3.5inch 1TB*1)
	Maximum capacity	6TB
Network	Network port	RJ45 (10BASE-T/100BASE-TX) *1
	Wireless Network	2.4GHz band WiFi (IEEE802.11b / g / n), 5dB WiFi antenna x 2
Network condition	Communication protocol	UPnP (Plug & Play), SMTP (E-mail service) PPPoE, DHCP (Automatic IP address control), etc.
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	USB port	USB 2.0 x 2 (mouse, USB storage, etc.)
	Electricity consumption	5W or less (excluding HDD)
	Operating temperature	-10°C ~ +55°C
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	Measurement (mm)	300 (W) × 226 (H) × 48 (D) mm (excluding stand)
	Weight (Kg)	Approx. 1200g (excluding stand and HDD)

Bullet-type wireless fixed camera	
Item	Content
Sensor	1/ 2.7 inch progressive sensor
Compression method	H.265
Minimum illumination	Color: 0.01lux, IR ON at 0lux
Shutter speed	Automatic, 1/25 to 1/25000 seconds
Lens	3.6mm
Near infrared LED light	2 pieces
Near infrared LED exposure distance	20~30m
OSD	Date & time, title
White balance	Automatic
Day & Night	Automatic, color, black and white
Audio	Built-in microphone
Video stream	1920 x 1080@15fps
Network	RJ45 (10/100M) , 2.4GHz WiFi
Operating temperature / humidity	-10°C ~ 50°C / 30% ~ 80% (no condensation)
Power input	DC12V / 1A (PSE compatible adapter)
Power consumption	6W or less
Dimensions (mm), mass (g)	185 (D) x 65 (W) x 165 (H), about 450g (body only)

Bullet-type wireless PTZ camera	
Item	Content
Sensor	1/ 2.7 inch progressive sensor
Compression method	H.265
Minimum illumination	Color: 0.01lux, IR ON at 0lux
Shutter speed	Automatic, 1/25 to 1/25000 seconds
Lens	2.8-12mm motorized zoom lens
Near infrared LED light	6 pieces
Near infrared LED exposure distance	20~25m
OSD	Date & time, title
White balance	Automatic
Day & Night	Automatic, color, black and white
Audio	Built-in microphone
Video stream	1920 x 1080@15fps
PTZ	Pan: 0°~180°, Tilt 0°~55°
Network	RJ45 (10/100M) , 2.4GHz WiFi
Operating temperature / humidity	-10°C ~ 50°C / 30% ~ 80% (no condensation)
Power input	DC12V / 1A (PSE compatible adapter)
Power consumption	6W or less
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10fps	About 33 days	About 66 days	About 66 days	About 132 days	About 132 days
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