

ENGINEERING RELEASE NOTES

WebSmart Switch ECS2020-10P/10T/28T/28P Firmware Version 1.0.2.11

INTRODUCTION:

The ECS2020-10P/10T/10PP is a Gigabit Ethernet Layer 2 switch featuring 8 ports 10/100/1000 ports, and 2 Gigabit Ethernet SFP uplink ports.

The ECS2020-28P/28T is a Gigabit Ethernet Layer 2 switch featuring 24 ports 10/100/1000 ports, and 4 Gigabit Ethernet combo uplink ports.

The ECS2020-10P/10T/10PP/28P/28T is ideal for operator to deploy SMB network providing download/upload 10/100/1000Mbps high speed for triple play service.

It is recommended that one thoroughly review this release notes prior to the installation or upgrade of this product.

FIRMWARE SPECIFICATION:

Status	Version No.	Type	Release Date
Formal Version	1.0.2.11 (ECS2020-10T: 26551) (ECS2020-10P: 26552) (ECS2020-28T: 26553) (ECS2020-28P: 26554)		2021/6/11
Formal Version	1.0.2.9 (ECS2020-10T: 26323) (ECS2020-10P: 26324) (ECS2020-28T: 26325) (ECS2020-28P: 26326)		2021/3/15
Formal Version	1.0.2.8 (ECS2020-10T: 26315) (ECS2020-10P: 26316) (ECS2020-28T: 26317) (ECS2020-28P: 26318)		2021/3/4

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Formal Version	1.0.2.7 (ECS2020-10T: 26305) (ECS2020-10P: 26306) (ECS2020-28T: 26307) (ECS2020-28P: 26308)		2021/2/27
Formal Version	1.0.2.6 (ECS2020-10T: 26134) (ECS2020-10P: 26135) (ECS2020-28T: 26136) (ECS2020-28P: 26137)		2020/12/29
Formal Version	1.0.2.5 (ECS2020-10T: 26072) (ECS2020-10P: 26073) (ECS2020-28T: 26068) (ECS2020-28P: 26069)		2020/12/03
Formal Version	1.0.2.4 (ECS2020-10T: 25957) (ECS2020-10P: 25962) (ECS2020-28T: 25959) (ECS2020-28P: 25960)		2020/08/06
Formal Version	1.0.2.3 (ECS2020-10T: 25397) (ECS2020-10P: 25398) (ECS2020-28T: 25399) (ECS2020-28P: 25400)		2019/11/15
Formal Version	1.0.2.1 (ECS2020-10T: 20175) (ECS2020-10P: 20174) (ECS2020-28T: 20173)		2019/08/01
Formal Version	1.0.2.0 (ECS2020-10T: 20175) (ECS2020-10P: 20174) (ECS2020-28T: 20173)		2019/03/26
Formal Version	1.0.0.2 (ECS2020-10T: 19716)		2018/03/13

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	(ECS2020-10P: 19737) (ECS2020-28T: 19717)		
Formal Version	1.0.0.2 (ECS2020-10T: 19631) (ECS2020-10P: 19636) (ECS2020-28T: 19637) (ECS2020-28P: 19640)		2018/03/06
Formal Version	1.0.0.1 (ECS2020-10T: 19277) (ECS2020-10P: 19278) (ECS2020-28T: 19279) (ECS2020-28P: 19283)		2018/01/29
Formal Version	1.0.0.0 (ECS2020-10T: 19023) (ECS2020-10P: 19024) (ECS2020-28T: 19025)		2018/01/11
Formal Version	1.0.0.0 (18672)		2017/11/03
Formal Version	1.0.0.0 (18649)		2017/10/30
Formal Version	1.0.0.0 (formal)		2017/10/24
TestingVersion	1.0.0.0 (informal)		2017/9/30
Init Version	0.0.0.1		2017/6/15

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Status	Version No.	Type	Release Date
Testing Version	1.00.002		2017/3/9

HARDWARE COMPATIBILITY:

ALL

BOOTPROM COMPATIBILITY:

ALL

NETWORK MANAGEMENT SOFTWARE SUPPORT:

NMS Platform	Version No.	Module No.
TBD		

If you install this image, you may not have control of all of the latest features of this product until the next version(s) of network management software. Please review the software release notes for your specific network management platform for details.

SUPPORTED FUNCTIONALITY:

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Please see the SMC 功能列表-20170614.xls

INSTALLATION AND CONFIGURATION NOTES:

In general, the ECS2020 **Switch** will be shipped to you pre-configured with this version of firmware. If you would like to upgrade an existing ECS2020 **Switch**, please follow the user manual that are included with your firmware image upgrade kit.

FIRMWARE CHANGES AND ENHANCEMENTS:

The following Known Issues have been fixed in this release of firmware.

Loader V1.00.002

1	Init	Init
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Runtime V0.0.0.1

1	None	None
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MODIFICATIONS:

Loader V1.00.002

1	Init Version
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Runtime V1.0.2.11, Loader V1.00.002

	EPR	Headline
1	M41838000305	Solve the problem that the POE working mode is auto and the maximum power is 35W, which causes the device to be unable to start.
2	10310	ONVIF issue for ECS2020-10P

Runtime V1.0.2.10, Loader V1.00.002

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	EPR	Headline
1		Add MVR function support
2		

Runtime V1.0.2.9, Loader V1.00.002

	EPR	Headline
1		Mac Address Table OID: 1.3.6.1.2.1.17.7.1.2.2
2		

Runtime V1.0.2.8, Loader V1.00.002

	EPR	Headline
1	11692	"ONVIF occupy VLAN 2 option1: change default to other VLAN option2: due to default ONVIF is disabled, left the VLAN ID value to empty"
2		

Runtime V1.0.2.7, Loader V1.00.002

	EPR	Headline
1		Mac Address Table OID: 1. dot1dTpFdbAddress:1.3.6.1.2.1.17.4.3.1.1 2. dot1dTpFdbPort:1.3.6.1.2.1.17.4.3.1.2 3. dot1dTpFdbStatus:1.3.6.1.2.1.17.4.3.1.3
2		Add MAC address search function

Runtime V1.0.2.6, Loader V1.00.002

	EPR	Headline
1	11939 11554	Flash end of support (Remove website flash) option1: change default to other VLAN

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	9752	option2: due to default ONVIF is disabled, left the VLAN ID value to empty
2	9752	Disconnections that are not timeout related
3	9752	Webpage was saved but the table doesn't actually update
4	9752	Sometimes the device image wouldn't fully load (Chrome version Version 80.0.3987.132)
5	9752	Sometimes the port statistics table was empty
6	9752	"VLAN can only increase one item once" modify to "VLANs need to be added one at a time"
7	9752	Loopback detection should be enabled by default
8	9752	log flash is enabled by default
9	9752	LLDP is enabled by default
10	9752	EEE should be enabled by default
11	Port default mode error ----- 端口默認模式錯誤	<p>In the early version, the port was in access mode by default. Later, in order to add the onvif function, all ports were changed to hybrid mode. In this way, the access configuration of the original port cannot be loaded directly. Version 1.0.2.6 changes the port default mode to access mode.</p> <p>-----</p> <p>早期版本端口默认是 ACCESS 模式，后来为了增加 onvif 功能把所有端口修改为 hybrid 模式。这样原先端口的 ACCESS 配置就无法直接加载。1.0.2.6 版本重新把端口默认模式修改 ACCESS 模式。</p>

Runtime V1.0.2.5, Loader V1.00.002

	EPR	Headline
1	11957	Reboot or power cycle will cause DHCP Pool back to default
2	11692	"ONVIF occupy VLAN 2 option1: change default to other VLAN option2: due to default ONVIF is disabled, left the VLAN ID value to empty"
3	Solve the problem that different models can upgrade each other ----- 解決不同機型可以相互之間進行版本升級的問題	

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	EPR	Headline
1	Fix jumbo frame display problem as wrong packet problem ----- 修復 jumbo 幀顯示問題為錯包問題	

Runtime V1.0.2.3, Loader V1.00.002

	EPR	Headline
1	Fix the problem that the configuration save restart does not take effect after modifying 172.168.1.1 mask 255.255.252.0 ----- 修復修改 172.168.1.1 mask 255.255.252.0 后配置存盤重啟不生效的問題	

Runtime V1.0.2.2, Loader V1.00.002

	EPR	Headline
1	Add static routing ----- 增加靜態路由	

Runtime V1.0.2.1, Loader V1.00.002

	EPR	Headline
1	Add NVR and IPC	

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discovery of onvif protocol ----- 增加 ONVIF 协议的 NVR 和 IPC 的发现	
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Runtime V1.0.2.0, Loader V1.00.002

EPR	Headline
1 ECS2020-08_023	cannot modify priority in WEB
ECS2020-08_024	no STP role information in WEB
ECS2020-08_025	cannot modify BPDU hello time, forward delay, max age in WEB
ECS2020-08_040	can't disable STP per port in WEB. Also, there is no STP port information(enable, disable)
ECS2020-08_059	IGMP Filtering/Throtting IGMP Queries IGMP Immediate Leave
ECS2020-08_060	(web 沒有 v2, add v2 in web) 初期 : web 畫面 (新增 MLD v2 support in CLI only)
ECS2020-08_061	(web 沒有 v2, add v2 in web) 後期: 新增 web 的 MLD v2 功能
ECS2020-08_084	no WEB GUI for LLDP -MED
ECS2020-08_092	does not support SNMP v3 on WEB
ECS2020-08_096	does not support syslog trap on WEB
ECS2020-08_097	does not support statless address(RS/RA) on WEB
ECS2020-08_098	can't configure IPv6 auto config on WEB
ECS2020-10_003	DHCP Server 新增一項 DNS, 以及 release 单个已分配 IP
ECS2020-10_013	LLDP PDU Set 請比照 STP , 當 LLDP Enabled , BPDU Set 會消失。
ECS2020-10_016	SFP 的信息在 web 显示
#2871	1,Cooki 问题; 2、密码没有加密传递; 3、访问子页面能直接登录

Runtime V1.0.0.2(informal), Loader V1.00.002

EPR	Headline
1 ECS2020-201802_13	将 SNMP 的公共 MIB 的版本号由 Loader Version 改为 Firmware Version

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Runtime V1.0.0.2(informal), Loader V1.00.002

	EPR	Headline
1	ECS2020-201802_26	Telnet 无法在 web 上打开和关闭
2	ECS2020-201802_28	繁体中文显示问题,
3	ECS2020-201803_06	SNMP 找不到 Software Version
4	ECS2020-201803_06	ECS2020 软件版本号由 v1.0.0.1 改为 v1.0.0.2

Runtime V1.0.0.1(informal), Loader V1.00.002

	EPR	Headline
1	ECS2020-201801_29	ECS2020 软件版本号由 v1.0.0.0 改为 v1.0.0.1

Runtime V1.0.0.0(informal), Loader V1.00.002

	EPR	Headline
1	ECS2020-201801_01	ECS2020 登录屏幕上的设备位置和联系人名称不起作用。修改了 Web 管理器中的设置，但是当注销并刷新页面时，它不会出现。

Runtime V1.0.0.0(18672), Loader V1.00.002

	EPR	Headline
1	ECS2020-11_001	使用 snmpwalk 扫描整个 system oid 私有节点，第 3 遍时 snmpd crash (已解决此问题，snmpwalk 扫描不会再出现 crash)
2	ECS2020-11_002	在 Hybrid model : untag & tag 請改成 Untag or Tag (已把 untag & tag 改为 Untag or Tag,三种语言都有修改)
3	ECS2020-11_003	Hardware version-->1-->改 v1.0 (已在 code 上做修改，确保 upgrade 后，Hardware version 为 1.0)
4	ECS2020-11_004	WEB 上文字修改 "POE" 全部改成 PSE (已把 POE 改为 PSE,三种语言都有修改)
5	ECS2020-11_005	L2 dhcp relay 功能不完整，拿掉 dhcp relay 功能，包括 CLI,WEB (已拿掉 dhcp relay 功能，在 WEB 和 CLI 都已经屏蔽了)
6	ECS2020-11_006	dhcp snooping OPTION 82 默认 Circuit ID&Remote ID 格式与 Edgecore 一致；修改为默认值与 Edgecore 一致

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		(已经把默认 Circuit ID&Remote ID 格式修改成 Edgecore 一致)
7	ECS2020-11_007	拿掉 dhcp relay 功能后，CLI 命令删除不完全，有遗漏 (已把多余的 show ip dhcp relay 拿掉)
8	ECS2020-11_008	ACL 中 IP expand 的 source IP address 無法指定 host 或 range ; Web, CLI 都一樣，Apply 後都自動改成 any (已解决此问题，目前可正常配置 host 或 range)
9	ECS2020-11_009	ACL 默认 Mask(0.0.0.0) 做用是 host 与 Edgecore 不一致；修改为 default(0.0.0.0)-->host, 空-->any; 255.255.255.255-->host ; 同时修改 web 描述 (已把修改为 default(0.0.0.0)-->host, 空-->any, 并修改了 WEB 的描述)

Runtime V1.0.0.0(18649), Loader V1.00.002

	EPR	Headline
1	ECS2020-08_032	Port Error Disable 發生 Shutdown , System Home 有 Disable 但是 Basic Setting 內 Port Status 還是 Enabled
2	ECS2020-08_046	Web 修改 Admin 密碼為 123 , Telnet 登入密碼還是 admin . 但是 Enable 密碼是 123
3	ECS2020-08_065	Access Control .. Specify the address MASK = 0.0.0.0 WebUI 沒顯示這筆記錄 Web 页面未对齐
4	ECS2020-08_082	In "Energy saving mode"& same priority, set port 1-3 as class 4, 30W. Reboot switch, PoE up at port #2,#3, what's priority order?
5	ECS2020-08_085	NTP 原廠值預設時區。要求是... Coordinated Universal
6	ECS2020-08_094	簽證設備名稱有誤... 應該是 ECS2020
7	ECS2020-08_116	繁体页面 解釋有點怪
8	ECS2020-08_117	web 沒看到任何新增的提示
9	ECS2020-08_118	show version 顯示，拿掉 Copyright 信息
10	ECS2020-09_015	Quick Configuration .. Contact information .. 輸入資料會出現 Format 錯誤。但是 CLI 輸入正常。WEB 顯示也正常。
11	ECS2020-09_016	System Settings 第一次變更 Device name & Device Location .. 設定正常。但是 修改 Contact information 出現 Format 錯誤後，Device name & Device Location . 也變成輸入出現 Format 錯誤
12	ECS2020-09_019	DHCP Server 以預設值啟用。Client 端取得 IP 後。要更改 System Management IP 192.168.2.10 會無法變更。需要關閉 DHCP Server 才行。變

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		更 IP 為 192.168.88.10 後再度啟用 DHCP Server . Client 端取得 IP 還是 192.168.2.XX (wireshark) 另外 IP address 可以任意修改，不清楚用意為何??
13	ECS2020-10_005	修改 None-Pd 为 Non-PD
14	ECS2020-10_009	ECS2020-10_009 restore factory setting 後，已修正刪除 backup-config ; 但是 利用 Reset button 還是將 Backup-config 刪除
15	ECS2020-10_010	Web LLDP neighbor 顯示有點慢，另外 Bridge, Router .. CLI 有，WEB 卻沒有
16	ECS2020-10_011	SNMPwalk Enterprise OID .似乎還沒完成。。
17	ECS2020-10_012	开机时间变长问题，“V1.0.0.0-18570 ， 從接上電源到 第一個 Ping 報文回應。時間變長了 需要 3 分 09 秒”

Runtime V1.0.0.0(formal), Loader V1.00.002

EPR	Headline
1 ECS2020-08_001	CLI 支持升级 loader,同时升级 (web&CLI) 需匹配版本和硬件
ECS2020-08_017	WEB 无 LLDP neighbor 信息；同时关闭全局 enable 仍然需要先关闭 port ，参考 EC 提供 word (*1003.doc 第 4 项)
ECS2020-08_027	syslog 等级提升到 6
ECS2020-08_032	同步 err-disable shudt 端口信息到端口状态；同时 no shutdown 后 err-disable 信息也需同步；参考 EC 提供 word (*10012.doc 第 6 项)
ECS2020-08_044	從 Quick configurarion 的 Basic Settings 變更 DHCP, IPV6 原本是 Static 也被改成 DHCP Mode
ECS2020-08_046	修改密码时，同时修改 web 和 telnet 密码；而不是增加修改 telnet 密码的设置参考 EC 提供 word (*1003.doc 第 5 项)
ECS2020-08_050	WEB 不能 clear mac table 和 configure aging-time
ECS2020-08_065	web 修改版面，参考 word；参考 EC 提供 word (*10012.doc 第 4 项 a)
ECS2020-08_073	local 认证成功后，privilege 与 local user 一致；radius login 认证成功后，privilege=1；enable 认证成功后，privilege=15
ECS2020-08_076	local 认证成功后，privilege 与 local user 一致；tacacs login 认证成功后，privilege=1；enable 认证成功后，privilege=15
ECS2020-08_081	When in "Energy saving mode", if PD ask power more than class limit, consumption power still is class Max limit power
ECS2020-08_082	In "Energy saving mode"& same priority, set port 1-3 as class 4, 30W.

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	Reboot switch, PoE up at port #2,#3, what's priority order?
ECS2020-08_083	All 8 PoE ports connect 30W PDs in same moment, switch will reboot
ECS2020-08_085	UTC 0 的四个时区设置后无显示，默认需修改，参考 word，参考 EC 提供的 word (*10012.doc 第 2 项)
ECS2020-08_091	关闭 https 失败
ECS2020-08_094	根据 EC 提供信息，生成自签的证书
ECS2020-08_095	web 增加 flash log 显示
ECS2020-08_103	删除 relay 功能对于 ipv6 不能是 dynamic 的限制
ECS2020-08_104	decp relay 功能不生效，需修正
ECS2020-08_116	根据 EC 提供信息进行繁体页面修改
ECS2020-08_117	接 PC 的 port 设置后无 setting saved 提示，参考 EC 提供 word (*1003.doc 第 6 项)
ECS2020-08_118	修改版本信息
ECS2020-09_010	web 增加 port security 超出限流后的报文处理方式设置；参考 EC 提供 word (*10012.doc 第 5 项)
ECS2020-09_015	Quick Configuration .. Contact information .. 輸入資料會出現 Format 錯誤。但是 CLI 輸入正常。WEB 顯示也正常。
ECS2020-09_016	System Settings 第一次變更 Device name & Device Location .. 設定正常。但是 修改 Contact information 出現 Format 錯誤後，Device name & Device Location . 也變成輸入出現 Format 錯誤
ECS2020-09_018	根据 EC 提供 word 修改 web 排版，除 DNS 和 release；参考 EC 提供 word (*10012.doc 第 7 项)
ECS2020-09_019	WEB 页面，DHCP Server 位置是版型不對
ECS2020-09_020	Path Detection 建議改成 Ping Detection
ECS2020-09_021	選擇 Clear 後將資料都清除，容易造成設定的麻煩，建議移除「Clear」按鍵
ECS2020-09_022	Memory & CPU Information , Clear 將畫面資料清除，似乎沒有用處，建議移除「Clear」按鍵
ECS2020-09_023	MacBook , Linux and Window 7 上使用 Chrome 浏览器，通过 https 管理交换机，打不开网页
ECS2020-10_004	优化，参考 EC 提供的 word (*1003.doc 第 2 项)
ECS2020-10_005	修改为 NON PD...SHORT，参考 EC 提供的 word (*10012.doc 第 3 项)
ECS2020-10_006	根据 EC 提供信息修改；参考 EC 提供的 word (*1013.doc 第 2 项)
ECS2020-10_007	研究解决方案；参考 EC 提供的 word (*1013.doc 第 3 项)
ECS2020-10_009	restore factory setting 後，删除 backup-config；此行为不满足应用需求

Runtime V1.0.0.0(informal), Loader V1.00.002

	EPR	Headline
1	ECS2020-08_001	升級失敗，導致系統異常，RJ45 口不 work
2	ECS2020-08_002	匯出的 Config 用 word 開啟變更編碼 還是 看不懂，是編碼的問題嗎 ?? 或是一開始設計就是有加密，還是…..
3	ECS2020-08_005	支持 100M 的 SFP
4	ECS2020-08_006	System LED 功能的改善
5	ECS2020-08_007	OID 功能需要增加進去, 9/29 要 support
6	ECS2020-08_010	預設啟用, TELNET, SSH 服務，第一次的登入都會認證失敗。
7	ECS2020-08_011	CLI 啟用 SNMP 服務，正確指令為 snmp enable . 但系統提示為 snmp-server enable 。 執行指令後出現一些訊息，且 SNMP 服務也未啟用。
8	ECS2020-08_012	Quick configuration 中的 Other setting .. 建議更改名稱，並調整至第一個項目 VLAN 前面==>改 Basic Setting
9	ECS2020-08_013	系統首頁，右下表格中。 設備配置 的 「埠安全」預設開啟，應該是錯誤的。Port Security default 是打開嗎？
10	ECS2020-08_014	Port mirror 設定完成，目的 Port 無法再與 Switch 連線進行管理。下圖 port 1, ping Switch 失敗！
11	ECS2020-08_015	QOS priority schedule , Strict priority default =1 的值與手冊上用文字的定義 medium..不同。也不清楚 1 代表的意義為何？
12	ECS2020-08_016	WRR queue weight 應該有一個預設參考數值，一次要定義 8 個欄位，使用者會有難度。
13	ECS2020-08_018	STP Global 預設... Disabled。但 bpdu set 為 Filtering . 所有的 BPDU 封包會被 Drop . Edgecore switch 的行為模式為--- Flooding ..
14	ECS2020-08_019	DHCP-Snooping 缺少一頁面，顯示 DHCP-Snooping binding table .
15	ECS2020-08_020	ARP Inspection 一定要搭配 DHCP Snooping 運作才能正常。在啟用 ARP Global 時。是否應該要檢查一下 DHCP Snooping 功能是否已經啟用，或是提示相關訊息。ARP Inspection 等 9 個項目有搭配 Errdisable 功能，管理頁面及手冊都未提及。當 APR 封包數量超過所設定的 rate packet limit ， Port 會被 Shutdown , WebUI 除了從 System LOG 可以知道有異常情況發生外，其他網頁都無法得知 Port 為何無法連線。是否應該新增一 Errdisable 功能相關網頁？
16	ECS2020-08_021	CLI Show fiber-transceiver 無法的得知 transceiver 廠牌、型號、波長..等相關資訊
17	ECS2020-08_022	SAVE (保存) -----表示存檔或儲存設定。不過， ECS2020 需要到 System

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		Management >> Configuration Management ..點選 [SAVE] ，才算是真正的存檔。功能設定的 (save) 代表的應該是 APPLY . 防止客戶搞混，是否應該修改成 (Apply 或是 OK) .. Apply -->中文 (套用) Save-->英文 (存檔)
18	ECS2020-08_026	STP port fast - network mode , what is network mode?
19	ECS2020-08_028	STP trap, STP trap port count start form '0', EX: port #1 Topology Change, but trap content is "port 0 change..."
20	ECS2020-08_029	LLDP PDU flooding enabled prevents executing mSTP enable.
21	ECS2020-08_030	MSTP , can't disable LLDP PDU flooding in WEB
22	ECS2020-08_031	STP BPDU guard , does not support auto recovery
23	ECS2020-08_032	STP BPDU guard, there is no link down reason and log message?
24	ECS2020-08_036	port link down/up when enable/disable EEE
25	ECS2020-08_042	Question: what is port mode "access", "hybrid" and "trunk"? No information in MG
26	ECS2020-08_043	can't modify static ip address if none of IPv6 gateway address. But none of IPv6 gateway address by default
27	ECS2020-08_044	have to enable DHCP snooping first before change management IP (DHCP)
28	ECS2020-08_047	QoS 請用 Cos 取代 Priority
29	ECS2020-08_048	ECS2020-10P# show qos map dscp-queue DSCP to Queue mappings 內容有問題
30	ECS2020-08_049	ECS2020-10P# show qos map precedence-queue 有問題.應該只有 QoS1-4 不是 1-8 的數據
31	ECS2020-08_050	no MAC counter ? can't clear mac table on WEB GUI can't configure aging-time on WEB GUI
32	ECS2020-08_051	QoS web 畫面，在 802.1p 旁邊增加這些敘述 (If you want to see more detail QoS status. Please go to CLI manual and check the detail)
33	ECS2020-08_063	maximum pps is 4000!? (MTN 建議值) Cpu Port Bandwidth (64-4000): pps Cpu Protect Manage Bandwidth (1-4000): pps Cpu Protect Route Bandwidth (1-4000): pps Cpu Protect Protocol Bandwidth (1-4000): pps (給 list)
34	ECS2020-08_064	EC 改成(ACL permit any any (default)
35	ECS2020-08_065	IPv4 standard ACL : 10 ACL(0-9) , 10ACE per ACL , Wildcards mask?

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		<p>IPv4 expand ACL : 10ACL(10-19) , 10ACE per ACL , Wildcards mask?</p> <p>IPv6 standard ACL : 10ACL(26-35) , 10ACE per ACL, Mask(0-128)?</p> <p>IPv6 expand ACL : 10ACL(36-45) , 10ACE per ACL , Mask(0-128)?</p> <p>MAC expand ACL : 6ACL(20-25) , 10ACE per ACL , not support mask? mac format?</p> <p>(要改一般 mask 不能用 cisco Wildcards mask 全部改 mask) , web / cli 都一樣</p>
36	ECS2020-08_066	IPv4 & IPv6 expand ACL support IP/TCP/UDP protocol, does not support mask for port No.(CLI/Web 增加)
37	ECS2020-08_069	1. refer to DHCP snooping? but no DHCP snooping binding table on WEB
38	ECS2020-08_070	2. rate-limit shutdown port, no info on WEB
39	ECS2020-08_072	2. should remove console login and enable authentication
40	ECS2020-08_075	2.should remove console login and enable authentication
41	ECS2020-08_078	1. can't disable it on WEB ->add web enable
42	ECS2020-08_079	2. key generator?
43	ECS2020-08_080	3. default Disable, 要手動開而且要先建 key 才能開成功
44	ECS2020-08_081	1. When in "Energy saving mode", if PD ask power more than class limit, consumption power still is class Max limit power
45	ECS2020-08_082	2. In "Energy saving mode"& same priority, set port 1-3 as class 4, 30W. Reboot switch, PoE up at port #2,#3, what's priority order?
46	ECS2020-08_083	3. All 8 PoE ports connect 30W PDs in same moment, switch will reboot.
47	ECS2020-08_086	Daul Configuration-->這部分是否根據我們 ECS2100 重寫.目前很難懂
48	ECS2020-08_087	修改 Upgrade "firmware" from file : -->Upgrade configuration from file
49	ECS2020-08_093	<p>Web Browser Operating System ? 為何 ?</p> <p>Internet Explorer 11 or later Windows 7, 8, 10</p> <p>Mozilla Firefox 40 or later Windows 7, 8, 10, Linux</p> <p>Google Chrome 45 or later Windows 7, 8, 10</p>
50	ECS2020-08_099	1. dhcp snooping must be enabled
51	ECS2020-08_100	2. no dhcp client list
52	ECS2020-08_101	3. mangement ip(ipv6 and ipv4) must be static ip
53	ECS2020-08_102	4. dhcp server does not work!!
54	ECS2020-08_104	2. destination mac of dhcp is 00:00:00:00:00:00?
55	ECS2020-08_105	3. format of remote ID is not acceptable. (different than EC switch)
56	ECS2020-08_106	4. padding format?
57	ECS2020-08_108	1. no DHCP binding table in WEB

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Compliance Level	Compliant

Known Anomalies: None.

IEEE STANDARDS SUPPORT:

Standard	Title
IEEE 802.1D	Transparent Bridging Specifications (ISO/IEC 10038)
IEEE 802.1p	Traffic Class Expediting and Dynamic Multicast Filtering
IEEE 802.1Q	Virtual Bridged Local Area Networks
IEEE 802.1w	Rapid Spanning Tree
IEEE 802.2	Local Area Networks, Logical Link Control (LLC)
IEEE 802.3	CSMA/CD 9 (ISO/IEC 8802-3)
IEEE 802.3I	10Base-T (ISO/IEC 8802-3, clause 14)
IEEE 802.3u	100Base-TX (ISO/IEC 8802-3, clause 25)
IEEE 802.3x	Flow Control
IEEE 802.3z	1000Base-SX, 1000Base-LX
IEEE 802.3ab	1000Base-TX
IEEE 802.3ac	VLAN Tag
IEEE 802.3ad	Link Aggregation
IEEE 802.1X	Port-based Network Access Control

IETF STANDARDS MIB SUPPORT:

RFC No.	Title	Groups Supported
1907	SNMPv2-MIB (MIB II)	- system group (1-9) - snmp group (1-6, 8-22, 24-32)
2011	IP-MIB (MIB-II)	- ip group(1-20, 22-23) - icmp group (1-26)
2012	TCP-MIB (MIB-II)	- tcp group(1-15)(tcpConnTable only support read.)
2013	UDP-MIB (MIB-II)	- udp group (1-5)
IEEE	IEEE8021-PAE-MIB	- dot1xPaeSystem (1-2)

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802.1X MIB		- dot1xPaeAuthenticator (1-3)(not support per-port timer setting)
1493	Bridge MIB	- dot1dBase group (1-4) - dot1dStp group (1-15) - dot1dTp group(1-4) - dot1dStatic group (1)
2863	Interfaces Evolution MIB (IF-MIB)	- interface group (1-2) (ifadminStatus not support set to 3(testing)) - ifXTable group (1) - ifStackTable group (1)(support read-only)
2819	RMON MIB	- statistics group(1) - history group(1-2) - alarm group (1) - event group (1-2)
2618	RADIUS MIB	- radiusAuthClientMIB (1)
2665	Etherlike MIB	- dot3StatsTable group (1-19)
2737	Entity MIB	- entityPhysical group(1-16) (support read-only)
2674	P-bridge	- dot1dExtBase group (1-4) - dot1dPriority group(1,3) - dot1dGarp group (1)
2674	Q-bridge	- dot1qBase group (1-5) - dot1qTp group (1-2) - dot1qStatic group(1) - dot1qVlan(1-5) (9-10)
V-Bridge MIB	V-Bridge MIB	- dot1vProtocol group
3636	MAU MIB	- dot3IfMauBasicGroup - dot3IfMauAutoNegGroup

1612	DNS Reslover MIB	- dnsServConfig - dnsServCounter - dnsServCounterAuthAns - dnsServCounterAuthNoNames - dnsServCounterAuthNoDataResps
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		<ul style="list-style-type: none"> - dnsServCounterNonAuthDdatas - dnsServCounterNonAuthNoDdatas - dnsServCounterReferrals - dnsServCounterErrors - dnsServCounterRelNames - dnsServCounterReqRefusals - dnsServCounterReqUnparses - dnsServCounterOtherErrors - dnsServOptCounter - dnsResMIBObjects - dnsResConfig - dnsResCounter - dnsResCache - dnsResCacheStatus - dnsResCacheMaxTTL - dnsResCacheGoodCaches - dnsResCacheBadCaches - dnsResOptCounter
3411	SNMP FrameWork	<ul style="list-style-type: none"> - snmpFrameworkMIBObjects
3412	SNMP MPD MIB	<ul style="list-style-type: none"> - snmpMPDMIBObjects
3413	SNMP Target MIB	<ul style="list-style-type: none"> - snmpTargetObjects
3413	SNMP Notify MIB	<ul style="list-style-type: none"> - SntpNotifyObjects - snmpNotifyTable - usmMIBObjects
3415	SNMP View-Based ACM MIB	<ul style="list-style-type: none"> - vacmMIBObjects - Private MIB - switchMgt - portMgt - trunkMgt - lacpMgt - staMgt

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		<ul style="list-style-type: none">- tftpMgt- restartMgt- mirrorMgt- igmpSnoopMgt- ipMgt- bcastStormMgt- vlanMgt- priorityMgt- trapDestMgt- qosMgt- securityMgt- syslogMgt- lineMgt
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ECS2020 PRIVATE ENTERPRISE MIB SUPPORT:

Title	Version
ECS2020-Series.mib	

SNMP TRAP SUPPORT:

RFC No.	Title
RFC 1215	ColdStart (v1) warmStart (v1) linkDown (v1) linkUp (v1) authenticationFailure (v1)
RFC 1907	coldStart (v2c) warmStart (v2c) authenticationFailure (v2c)
RFC 2863	linkDown (v2c) linkUp (v2c)
RFC 1493	newRoot (v1) topologyChange (v1)

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RFC 1757	risingAlarm (v1) fallingAlarm (v1)
RFC 2819	risingAlarm (v2c) fallingAlarm (v2c)

Customer Support:

By Phone:

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By Web:

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